



**Killgerm®**

You know when  
you're in safe hands!

[www.killgerm.com](http://www.killgerm.com)





# Rooted in excellence

Welcome to the 2024 catalogue, which gives you an insight into the excellence that is rooted within every department, to provide you with the best service for your business.

We are proud of the experience and knowledge that has grown within the business for many years, which in turn helps every one of our customers grow too!

In the pursuit of excellence, where innovation meets craftsmanship, we bring you unique, quality products throughout the year and we are proud to invite you to see our extensive collection right here! Each page reveals a narrative of uncompromising quality and a commitment to you as a provider of pest control solutions.

Within these pages, you will discover more than just products; you will meet our customer services team who are always there at the end of the phone to take your orders and answer your questions.

Branching out further to you are our area sales managers, who work tirelessly on the road to show you products in person, at breakfast meetings and workshops, so you also have the industry knowledge to make the best decision.

Our technical department deliver top level training and have technical managers to reassure your decision making is correct when needed, and if you still need that extra support, our Technical Advisor, Louise Loben is on the end of our dedicated technical hotline to answer your daily enquiries.

Please use this catalogue and our resources to help your business grow.

**Call us on 01 882 9114 for more information**

A stylized illustration of a tree with a thick trunk that transitions from red to orange to yellow to green. The branches are thin and light blue, with various leaves in shades of red, orange, yellow, green, and purple. The background is white with faint, light blue leaf patterns.

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A company grown  
from excellence,  
offering an abundance  
of services.

#### **PRODUCT DEVELOPMENT**

Our Product Development team globally source and develop innovative and creative solutions for the professional pest control industry. They test and evaluate all aspects of new products to ensure they meet your needs. We are here to make sure the products we develop make a difference to you and your business. You ask, we listen.

#### **INDUSTRY SUPPORT**

Through strong support of industry initiatives, such as CRRU, RAMPS, NPAP (National Pest Advisory Panel), Basis Prompt and Government bodies, we are constantly striving to maintain the portfolio of products for professional pest controllers to carry out their day to day role. Killgerm can see the industry clearly and understands your needs. We are proud to take the lead on various panels to ensure you have a voice.

#### **PROFESSIONALLY TRAINED SALES & CUSTOMER SERVICE TEAMS**

At the core of our business is excellent support through our Area Sales Managers and expertly trained RSPH qualified Customer Service Team. This means we can provide your business with a countrywide service at a local and personal level.

#### **TECHNICAL DEPARTMENT & TRAINING**

Killgerm has the UK's largest Technical Department in the industry to serve you with independent and unbiased advice on product selection. This great service helps you to solve technical problems and receive unrivalled professional training.

#### **BREAKFAST MEETINGS & WORKSHOPS**

Our breakfast meetings and workshops run throughout the country, giving you the opportunity to meet with industry experts, and the Killgerm team so you can develop your professional skills and abilities. We are here to develop your skills as a pest controller.

#### **LOGISTICS & DELIVERY**

We aim to power your business needs by making sure you get your delivery when you need it.

VAST PRODUCT RANGE AVAILABLE TO ORDER ONLINE, AND VIA OUR APP 24/7

EXCELLENT TRAINING COURSES ACROSS THE UK AND IRELAND

SPECIALIST TELEPHONE SUPPORT WHEN YOU NEED IT

KNOWLEDGEABLE CUSTOMER SERVICE TEAM



# New Products for 2024

Please contact the Killgerm® Customer Service Team or your local Area Sales Manager if you would like any product demonstrations.

**NEW**



AF® WASP BAG

**PAGE 20**

**NEW**



AF® FLY BAG

**PAGE 27**

**NEW**



TRUDEX

**PAGE 28**

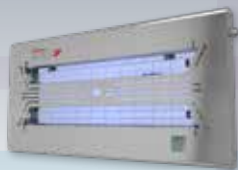
**NEW**



READY-MADE BAIT BOX  
TETHERS

**PAGE 94**

**NEW**



CHAMELEON® QUALIS IP

**PAGE 39**

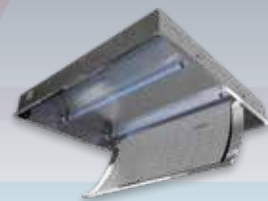
**NEW**



CHAMELEON® STELLARIS

**PAGE 31**

**NEW**



CHAMELEON®  
ON TOP PRO 2X

**PAGE 40**

# New Products for 2024

Please contact the Killgerm® Customer Service Team or your local Area Sales Manager if you would like any product demonstrations.

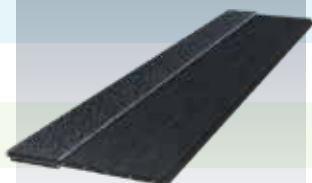
**NEW**



UVA METER

**PAGE 43**

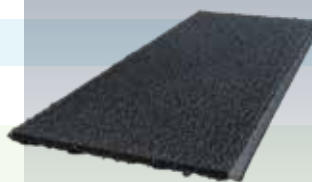
**NEW**



RAXIT "QUICK" REGULAR  
DOORS

**PAGE 107**

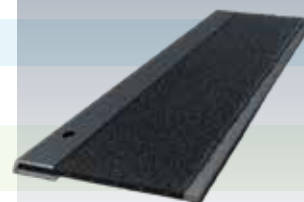
**NEW**



RAXIT "QUICK" REGULAR &  
AUTOMATIC SLIDING DOORS

**PAGE 106**

**NEW**



RAXIT "READY TO USE"  
AUTOMATIC DOORS

**PAGE 106**



**Killgerm**<sup>®</sup>  
**TRAINING**

**Killgerm**<sup>®</sup>  
**TRAINING**  
 Delivering High Quality Training

Weapons Rabbits Vertebrates Grey Squirrel Legislation & Safety Cockroaches

TRAINING MANUAL

Control Flying Insect Control Pest Birds Entomology Practical Drainage Investigation

**DELIVERING HIGH QUALITY TRAINING**

**Killgerm**<sup>®</sup>  
**TRAINING**

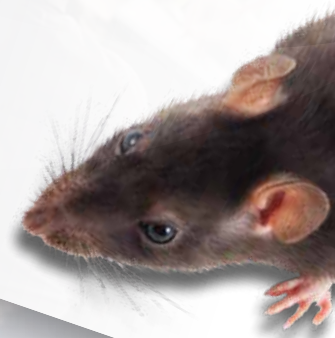
This is to certify that

**AN Other**

Has successfully completed the  
 Training Course

**KILLGERM TRAINING**

KILLGERM CHEMICALS LIMITED  
 PO Box 2, Claxton, West Yorkshire, WF5 9VA  
 TELEPHONE: 01924 268 445 EMAIL: training@killgerm.com  
 www.killgerm.com



# TRAINING COURSES

**Killgerm Chemicals can assist with training requirements and we can offer a variety of courses to those requiring certification for undertaking public health pest control.**

While there are many schemes on offer, our training can be brought to you. If you have a suitable facility and can provide refreshments, training can be booked quickly and simply by contacting [training@killgerm.com](mailto:training@killgerm.com).

As an example, our principles of rodent control course can be delivered in just one day with an online exam to follow at a later convenient date. Or, if you prefer, training can also be delivered at our HQ in Ossett.

Also on hand is the Killgerm Training Manual, an essential guide to pest control. It is packed with all of the information you need to run a pest control operation.

For more information please call: **01924 268445**  
or email: **[training@killgerm.com](mailto:training@killgerm.com)**

**KILLGERM TRAINING MANUAL**

**KILLMANU4** Each

**Online training courses available at [www.killgerm.com](http://www.killgerm.com)**



NG  
ning

ach Personal Protective Equipment



## KEY TO ENTRIES IN THE INSECTICIDE AND RODENTICIDE SECTIONS

A

B

C

D

E

F

B VAZOR® PHEPRA

PROFESSIONAL

NC

Vazor® Phepra CS contains 1R-trans Phenothrin 10% w/w (100 g/l), Prallethrin 1% w/w (10 g/l)

Dilution rate:

A microencapsulated insecticide in aqueous suspension, for professional use, with rapid knockdown and residual effect of 12 weeks on non-porous and porous surfaces. A non-staining, water-based surface spray, of neutral odour. For the control of crawling and flying insect pests for spray application indoors, e.g. in homes, warehouses, animal shelters, industrial plants, public buildings and spaces including food handling and storage areas as well as hospitals. Can be used in agricultural premises, stables, chicken and poultry farming, livestock units, empty grain storages, farm outbuildings and dairies. Effective against a broad spectrum of insect pests including ants, bed bugs, German and Oriental cockroaches, litter beetles, poultry red mites, flies such as house fly, stable fly and horn fly, mosquitoes, food moths, wasps and European hornet



VAZORPHEPRA001L

1 x 1 litre

J

I

H

G

A Product name

B Approval number

C Active ingredients

D Approval categories:

Non-Professional/  
Amateur use - Means that the product can only be used in a non-professional capacity. Specific training is not required to purchase and use non-professional products.

Professional use - Means that the product can only be used by people who are required to use pesticides as a part of their work and who have received appropriate information, instruction and training.

E Dilution rates

F Pesticide Group

SP Synthetic Pyrethroid

C Carbamate

NC Novel Compound

Bio Biological Agent

IN Inorganic

NP Natural Pyrethrin

G Single unit price

H Product description

I Product code

J PPE pictograms



PROTECTIVE CLOTHING

PROTECTIVE GLOVES

GAS MASK

PROTECTIVE GOGGLES



## Please Note

All information given in these entries is prepared to the best of our knowledge and ability and is given in good faith, but we cannot accept any responsibility for loss or damage arising from any error or omission. The PPE pictograms are provided as a guide only and should in no way replace any part of your COSHH assessment. Certain conditions may require additional PPE. For full details of the ingredients, approval, hazards, application and precautions for any pesticide product, consult the product label and safety data sheet before use. Advice is also available from Killgerm's Technical Department.

- B - Bees Only
- W - Wasps Only
- A - Ants Only
- M - Mites Only
- S - Spiders Only
- Mq - Mosquitoes Only
- T - Ticks Only
- ✓ - For use on all listed

Acarina : Mites/Ticks/Spiders	Coleoptera : Beetles	Hymenoptera : Bees/Wasps/Ants	Siphonaptera : Fleas	Diptera : True (Two-winged) Flies	Lepidoptera : Moths	Hemiptera : Bugs	Psocoptera : Booklice	Blattodea : Cockroaches	Dermaptera : Earwigs	Orthoptera : Crickets/Grasshoppers	Thysanura : Silverfish/Bristleails
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**AEROSOLS**

SP	Bayer Flying Insect Killer	✓	W/A	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP	Vazor Wasp Nest Destroyer Foam Aerosol		W									
SP	Vazor Ice	✓	W/A			✓	✓	✓	✓			
SP	Digrain Control		W/A	✓	✓	✓			✓			
SP	Phobi F&F One Shot		W/A	✓	✓	✓			✓			
SP	Digrain Wasp Nest Destroyer		W		✓	✓						

**COARSE SPRAYS**

SP	K-Obiol EC25		✓			✓						
NP	Aquapy		✓	W	✓	✓	✓		✓			
SP	K-Othrine® Partix	S	✓	W/A	✓	✓	✓	✓	✓	✓	✓	✓
SP	Deadline Insectaban Liquid		✓	W	✓	✓	✓	✓				
NP	Deadline Pyspray		✓	W/A	✓	✓	✓	✓	✓			
SP	Phobi Dose						✓		✓			
SP	Vazor® Provecta	✓	✓	W/A	✓	✓	✓	✓	✓			
SP	Harmonix® Poultry Red Mite	M										

**DUSTS**

C	Ficam D			W/A								
NP	Deadline Pydust	S	✓	W/A	✓		✓		✓			✓
SP	Nippon Ant Killer Powder		✓	W/A					✓	✓		✓
IN	Vazor® DE Powder	✓	✓	A	✓		✓	✓	✓	✓		✓

**NOVEL INSECTICIDES**

NC	Advion Ant Gel			A								
NC	Outcast Ant			A								
NC	Maxforce Platin								✓			✓
NC	Maxforce Quantum			A								
NC	Nippon Gel			A								
NC	Advion Cockroach Gel								✓			
SP	Cimetrol Super EW		✓	W	✓	✓	✓	✓	✓			

**SPACE/CONTACT SPRAYS**

NP	Pybuthrin 33		✓	W	✓	✓	✓		✓			
SP	Vazor® ULV 500	✓	✓	W/A	✓	✓	✓	✓	✓	✓		✓
NP	Aquapy		✓	W	✓	✓	✓	✓	✓			
SP	Perbio Choc			W/A	✓	✓	✓	✓	✓			
NP	Deadline Pyfog			W		✓	✓					

## INSECTICIDE CONCENTRATES



A



B



C



D

## A PHOBI CAPS

PROFESSIONAL

NC

Contains (Cypermethrin 9.2%, Prallethrin 0.46%)

- Micro Encapsulated Liquid Concentrate Insecticide
- Phobi CAPS works in less than 15 minutes and protects treated surfaces for up to 12 weeks.
- Fast knockdown and residual
- Odourless and non-staining
- Active on porous and non-porous surfaces
- Microencapsulation ensures long-term stability of the action against light, temperature and humidity
- Different sized capsules within the active allow for regular and continuous release.



PHOBICAPS

1 x 1 litre

## B DIGRAIN CYPERBIO 100EW+

PROFESSIONAL

SP

Contains (9.86% Cypermethrin)

Professional-use Insecticidal Surface Spray. Digrain Cyperbio 100EW+ is a professional-use highly effective broad-spectrum, water-based insecticide with long term residual activity. As an insecticidal surface spray with strong efficacy against flying and crawling insects such as ants, cockroaches, fleas, flies, wasps, and mosquitoes. Designed for use in public health, food storage practice, waste, and sites on surfaces including walls, floors, cracks, and crevices, around machinery or directly on insects. Available Sizes: 1-litre measuring bottle.



DIGRAIN

1 x 300ml

## C VAZOR® PHEPRA CS

PROFESSIONAL

NC

Vazor® Phepra CS contains 1R-trans Phenothrin 10% w/w (100 g/l), Prallethrin 1% w/w (10 g/l)

A microencapsulated insecticide in aqueous suspension, for professional use, with rapid knockdown and residual effect of 12 weeks on non-porous and porous surfaces. A non-staining, water-based surface spray, of neutral odour. For the control of crawling and flying insect pests for spray application indoors, e.g. in homes, warehouses, animal shelters, industrial plants, public buildings and spaces including food handling and storage areas as well as hospitals. Can be used in agricultural premises, stables, chicken and poultry farming, livestock units, empty grain storages, farm outbuildings and dairies. Effective against a broad spectrum of insect pests including ants, bed bugs, German and Oriental cockroaches, litter beetles, poultry red mites, flies such as house fly, stable fly and horn fly, mosquitoes, food moths, wasps and European hornet



VAZORPHEPRA001L

1 x 1 litre

## D VAZOR® PROVECTA

PROFESSIONAL

SP

Dilution: 100ml/5ltr water

Vazor Provecta is a physical mode of action "sprayable entrapping" formulation for effective control of resistant populations of crawling and flying insects. This concentrate for dilution with water acts by causing external immobilization of target insects. Vazor Provecta is an excellent alternative to traditional insecticides and functions as a resistance management tool due to the physical mode of action. Based on Polyalkyleneoxide modified heptamethyltrisiloxane, Vazor Provecta is recommended to be used for the treatment of resistant populations e.g. bedbugs. It should be applied topically (directly) to insects such as bedbugs, cockroaches, spiders, ants, flies & mosquitoes, stored product insects. Vazor Provecta can be applied as a coarse spray or fine mist.

Benefits include:

- Physical mode of action.
- Product can be used in the presence of stored products.
- No residues, no waiting / withdrawal period.



VAZORPROV001L

1 x 1 litre

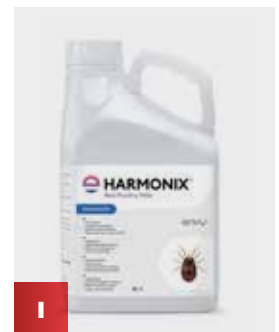
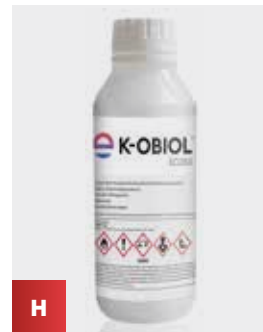
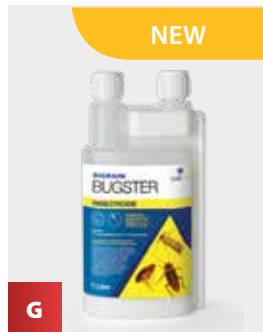
VAZORPROV005L

1 x 5 litre



INSECTICIDE CONCENTRATES

SPECIALIST INSECT CONTROL



<b>E</b>	<b>K-OTHRINE PARTIX</b>	<b>PROFESSIONAL</b>	<b>SP</b>
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Contains: 2.49% Deltamethrin

Dilution 25ml/5ltr water

A broad-spectrum suspension concentrate for use against a wide range of insects, including: indoor control of crawling insects, cockroaches, bedbugs, houseflies at rest and spiders, plus outdoor control of wasps in free hanging nests.

- Suitable for use in public places such as schools and hospitals, domestic, commercial and industrial premises.
- Features an innovative formulation containing carnauba wax, which holds insecticide onto all surfaces, even absorbent ones.
- The new formulation also enhances bioavailability of the active ingredient, resulting in efficacy even at low application rates.



**KOTHPART250ML** 1 x 250ml

<b>F</b>	<b>CIMETROL SUPER EW</b>	<b>PROFESSIONAL</b>	<b>SP</b>
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Contains: 25% cypermethrin, 10% tetramethrin, 20% piperonyl butoxide, 1% pyriproxyfen

Dilution 25ml/5ltr water

Cimetrol Super EW is the next generation of product for the control of insect pests. Formulated as an oil-in-water emulsion containing a very high loading of active ingredient, it allows rapid access of the active ingredient to the insect while providing long-lasting and predictable residual control. Cimetrol Super EW contains a Type I pyrethroid for fast flushing and knockdown, a Type II pyrethroid for rapid kill of the insects, a metabolic synergist to bypass insect metabolic resistances, and an Insect Growth Regulator (IGR), demonstrating a completely different mode of action to ensure that any stubborn populations never get to pass their resistant properties onto the next generation.



**CIMETSUP500M** 1 x 500ml

<b>G</b>	<b>DIGRAIN BUGSTER</b>	<b>NEW</b>	<b>PROFESSIONAL</b>	<b>SP</b>
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Contains: Prallethrin 2% w/w Cypermethrin 10% w/w

Digrain Bugster is a brand new all-purpose professional-use insecticide by Lodi UK. Designed for use when both hot or cold fogging and as a surface spray, it's an effective control method against flying and crawling insects including moths, wasps, fleas, red mite, and cockroaches. Bugster contains a generous 2% of Lodi's much-loved prallethrin active offering a fast knockdown with great results in minutes



**BUGSTER** 1 x 1 litre

<b>H</b>	<b>K-OBIOL EC25   MAPP 13573</b>	<b>PROFESSIONAL</b>	<b>SP</b>
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Contains 25g/L deltamethrin and 225g/L piperonyl butoxide

A Pyrethroid formulation for the control of stored grain product pests. Gives up to 12 months control from one treatment. Approved for fabric of the building and admixture application.



**KOBIOL001L** 1 x 1 litre

Please note that any operator using this product is required to hold PA1 and PA6 certificates

<b>I</b>	<b>HARMONIX® POULTRY RED MITE</b>	<b>PROFESSIONAL</b>	<b>SP</b>
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Dilution: 130ml/1ltr water

Exempt from Biocidal Product Registration, Harmonix Poultry Red Mite benefits from a dust penetrating formulation that uses a physical mode of action to control mites, whilst avoiding potential pesticide contamination. Suitable for any stage of the flock cycle, Harmonix Poultry Red Mite contains a food grade cellulose polymer that can be applied while birds are present as a standalone treatment, or as part of an integrated pest management programme. Harmonix Poultry Red Mite can help to reduce skin irritation and stress amongst poultry caused by mite biting, and can be an important tool when preventing the spread of poultry related disease, transmitted via poultry mites.



**HARMITE005L** 1 x 5 litres



**International**

# Stop bedbugs becoming a nightmare

Avoid costly call backs with PelGar's award winning CimetroI Super. The unique blend of active ingredients, including the insect growth regulator pyriproxyfen, delivers rapid and long lasting control of bedbugs and other crawling insects.



[www.PelGar.co.uk](http://www.PelGar.co.uk)

► Rodent Control ► Insect Control ► Plant Protection ► Insect Repellents ► Decontamination Kits

Contains: cypermethrin 25% w/w, tetramethrin 10% w/w, piperonyl butoxide 20% w/w and pyriproxyfen 1% w/w.  
Use biocides safely. Always read the label and product information before use.



INSECTICIDE READY-TO-USE POWDERS AND DUSTS

INSECTICIDE ULV FORMULATIONS



**A FICAM D™** PROFESSIONAL **C**

Contains 1.25% bendiocarb

An odourless dust for the control of a wide range of insects. Superior control against wasps, as does not excite the wasps. Formulation allows high penetration into void areas.



**FICDU003K** 1 x 3 kilos

**B VAZOR® DE POWDER** PROFESSIONAL / AMATEUR **NC**

Contains silicon dioxide

VAZOR® DE Powder contains amorphous silica which acts on the outer layer of the cuticle of any insect it contacts. Their outer, protective coating is disrupted and the insect dies.



**VAZORDE200G** 200g Puffer Pack  
**VAZORDE002K** 2 Kilo Tub

**C AF POWDER SCOOP**

The AF Powder Scoop has been designed to allow the easy filling of a wide range of dusting equipment. This useful tool, made from polypropylene, helps to reduce the exposure time to insecticidal powders and reduces waste from spilt powder. It can be used as a traditional scoop for larger dusting application equipment or as a combined scoop/funnel for use with smaller powder application tools.

**AFPOWSCOOP** Each

**D AQUAPY™** PROFESSIONAL **NC**

Contains *Chrysanthemum cinerariaefolium* extract 3.0% w/w (30 g/L) synergised with piperonyl butoxide

A water-based product, used as a ready-to-use Ultra Low Volume (ULV) application for fogging, or diluted for misting and surface spraying. A non-persistent, quick knockdown product, suitable for flying and crawling insect control. A 1ltr bottle of Aquapy can treat up to 30,000 cubic metres for flying insect control. Accepted for use in organic areas/sites. Approved for use in empty grain stores.



**AQUAPY01L** 1 x 1 litre

**E VAZOR® ULV 500** PROFESSIONAL **SP**

Contains 4.4% phenothrin, 0.8% tetramethrin, 8% synergist

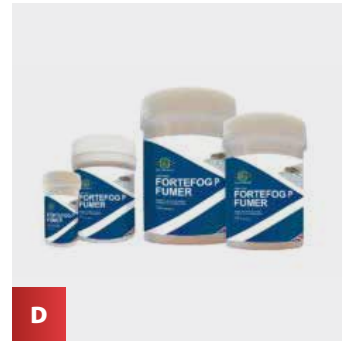
For ULV application. An 'oil-based', ready-to-use, non-persistent, quick knockdown synthetic pyrethroid product, suitable for the control of a number of flying and crawling insects and arachnids. 1 Litre bottles for use with the Exodus machine.



**VAZORULV5001L** 1 x 1 litre  
**VAZORULV5005L** 1 x 5 litres

INSECTICIDE READY-TO-USE LIQUIDS

INSECTICIDE SMOKES



<b>A</b>	<b>PYBUTHRIN 33™</b>	PROFESSIONAL	NC
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Contains 0.38% Chrysanthemum cinerariaefolium extract

For fogging or surface spraying. An 'oil-based', ready-to-use, non-persistent, quick knockdown product, suitable for flying and crawling insect control.



**PYB33005L** 1 x 5 litres

<b>B</b>	<b>DEADLINE PYFOG</b>	PROFESSIONAL	SP
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Contains Chrysanthemum Cinerariaefolium extract 0.12%, Piperonyl butoxide 0.96%

Water based formulation, specifically designed for use in a thermal fogger. The non-persistent formulation provides quick knockdown. Suitable for use in both domestic and commercial premises, the formulation is ideal when quick knockdown and low residuality is required.



**PYFOG005L** 1 x 5 litres

<b>C</b>	<b>DEADLINE PYSPRAY</b>	PROFESSIONAL	SP
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Contains Chrysanthemum Cinerariaefolium extract 0.075%, Piperonyl butoxide 0.6%

Oil based ready to use formulation, specifically designed for rapid broad spectrum control. Suitable for use in sensitive areas such as food factories and hospitals. The formulation can be used internally or externally for the control of flying and crawling insects. Apply using a sprayer or alternatively it can be brushed directly onto a target surface for precision application.



**PYSPRAY005L** 1 x 5 litres

<b>D</b>	<b>FORTEFOG P MAXI FUMER</b>	PROFESSIONAL	SP
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Contains: 13.25% w/w permethrin

Ready-to-use insecticidal smoke generator

Fortefog P permethrin fumers are simple to use in the home, factory or warehouse, and effective against a wide range of flying and crawling insects. Fumers are particularly useful in situations where spraying access is difficult or limited. Tests have shown PelGar fumers are up to ten times more effective than other brands on the market.

Available in two sizes. Fortefog P Maxi fumers will treat areas up to 1,000m<sup>3</sup> – larger areas can be treated with multiple fumers. The Maxi fumers are designed for use in industrial / commercial environments and use the standard low-sparking fuse system.

For use against flying and crawling insects such as houseflies, cluster flies, fruit flies, mosquitoes, wasps, moths, fleas, bedbugs, ants, cockroaches and stored product insects including saw-toothed grain beetle and adult grain weevils. Fortefog P fumers can be used in domestic situations, public hygiene areas (including hospitals – not occupied wards), industrial and municipal buildings and food handling / storage / manufacturing premises, zoos, pet shops, kennels, veterinary practices and laboratory animal houses (excluding animal pens and cages) and can also be used in empty greenhouses.



<b>FORTIMAXI</b>	27g x 12
<b>FORTEMIDI</b>	11g x 20
<b>FORTEMINI</b>	3.5g x 20

INSECTICIDE SMOKES

INSECTICIDE GELS AND BAIT STATIONS



WOOD TREATMENT CHEMICALS

<b>E</b>	<b>WOODWORM KILLER - LIGNUM PRO I 62.5</b>	<b>PROFESSIONAL</b>	<b>SP</b>
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Contains 6.5% permethrin

Dilution 1 litre/25 litres water

A concentrated insecticidal treatment for wood-boring insect control and prevention based on the active ingredient permethrin and formulated as a micro emulsion. The formulation particle size allows the active ingredient to penetrate deep into the timber. The concentrate dilutes with 24 Litres of clean water to make 25 Litres of treatment fluid. Once diluted the product can be brushed or low pressure sprayed onto furniture, flooring, structural and other timbers to treat or prevent attack from wood boring insects. Treated areas can be overpainted, stained or varnished when dry. External and internal use, it is always advisable to try on a small inconspicuous area before application to ensure there is no effect to colour or finish.



**WOODW001L** 1 x 1 litre

<b>F</b>	<b>AF® PINPOINT® BAIT STATION</b>
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The AF Pinpoint offers a secure way of laying bait targeting both ants and cockroaches whilst protecting the bait against the environment. The versatile design allows this bait station to be positioned on both horizontal and vertical surfaces where insect pests can roam. The secure fastening allows bait to be positioned safely avoiding any harm caused to surrounding pets. Optional extra sticky pads are available to allow vertical fixing of the station. Available in black or white.

<b>AFPIN30WHI</b>	Box of 30 stations in white
<b>AFPIN30BLK</b>	Box of 30 stations in black
<b>AFPINPADS</b>	Box of 100 sticky pads

<b>G</b>	<b>ADVION ANT GEL</b>	<b>PROFESSIONAL</b>	<b>NC</b>
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Contains 0.05% w/w indoxacarb

Advion® Ant Gel is specifically formulated to be attractive to a wide range of pest species of ants.

This gel is based on a unique active ingredient, indoxacarb, which is bio-activated inside ants to its highly potent form, offering a different mode of action compared to other active ingredients. The slight delay in mortality caused by indoxacarb, encourages ants to consume the bait and return to nest sites to contaminate other ants, resulting in significant reduction in infestation levels. Through trophallaxis, ants share the bait with reproductive members of the colony, leading to queen mortality and complete elimination of the infestation within days of applying the gel. This high-performing formulation quickly attracts ants, even in situations with existing food sources, and it can be used in a variety of application sites, both indoor and outdoor. **Available to purchase in single tubes of 30g.**



**ADV30GANT** Box of 4 x 30g

<b>H</b>	<b>MAXFORCE QUANTUM ANT GEL</b>	<b>PROFESSIONAL</b>	<b>NC</b>
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Contains 0.03% w/w imidacloprid

A thick liquid, highly palatable ant bait that controls both sweet and protein loving ants, including Pharaoh, Ghost, Black and Argentine Ants. Exclusive Bayer bait matrix for attractability and durability in use, and remains attractive for up to 3 months (Non drying formulation). Apply using a standard gel applicator onto horizontal surfaces or within an appropriate bait station.

**Available to purchase in single tubes of 30g.**



**MAXQUAN30G** Box of 4 x 30g

<b>I</b>	<b>NIPPON ANT GEL</b>	<b>PROFESSIONAL</b>	<b>NC</b>
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Contains 0.081% w/w spinosad

Nippon Gel has now been re-introduced containing Spinosad. It consists of a sugary bait specially formulated to appeal to black ants. Worker ants take the sweet bait back to the nest and feed it to the whole colony.



**NIPGEL30** Box of 30 x 25g tubes

INSECTICIDE GELS AND BAIT GUNS



**A ADVION COCKROACH GEL** PROFESSIONAL NC

Contains 0.6% w/w indoxacarb

A cockroach gel based on a new active ingredient, Indoxacarb, which has a novel mode of action. Proven to give 'tertiary kill' - effective against German, Oriental, American cockroaches and other cockroach species.



ADV30GROACH

Box of 4 x 30g tubes

**B MAXFORCE™ PLATIN** PROFESSIONAL NC

Contains 1.026% Clothianidin

Maxforce Platin is a clothianidin-based ready to use insecticidal gel bait for the control of cockroaches and silverfish, in the various stages of their development (nymphs and adults). Contains 'BlueBead' feeding stimulant technology along with foodstuffs which are particularly palatable. For use in domestic, public hygiene and food storage premises.



MAXPLATIN4X30G

Box of 4 x 30g tubes

**C TECH REACH EXTENSION**

The Tech-Reach Bait Pro is a fantastic new tool that gives technician's the ability to reach far above, behind and around customer's items. No bait is wasted because the bait tube attaches on the end of the 24" extension.

TECHREACH

Each

**D PLASTIC APPLICATOR GUN**

A lightweight, cost effective plastic bait gun for use with a wide range of gel baits. **No tips provided with this applicator.**

PLASTAPLGUN

Each

**E 1" STAINLESS STEEL BAIT GUN TIPS**

Replacement 1" stainless steel tips for use with applicators and gels.

BAITTIPST

Pack of 25

**F 1" PLASTIC BAIT GUN TIPS**

Replacement 1" plastic tips for use with applicators and gels.

BAITTIPPLAST

Pack of 25



BAIT GUNS

INSECTICIDE AEROSOLS



G



H



I



J



K

**G PISTOL CASE**

A Polypropylene carry case ideal for storing application guns safely. Contains egg-shell interior.

**PISTOLCASE** Each

**H VAZOR ICE** PROFESSIONAL/AMATEUR **SP**

HAZARD INFORMATION: H222, H229, EUH401, P210, P211, P251, P410 + P412

A ready-to-use freezing spray that works through cold technology (below -40°C) to eliminate most crawling and flying insects quickly and efficiently. Insects, upon direct contact with the freezing spray-jet, are controlled quickly. It does not contain insecticides and leaves no residue.

 **VAZORICE500ML** 1 x 500ml

**I ENVU/BAYER FLYING INSECT KILLER™** PROFESSIONAL/AMATEUR **SP**

Contains 0.15% w/w d-tetramethrin and 0.15% w/w d-phenothrin | HAZARD INFORMATION: H222, H229, H410, EUH401, P210, P211, P251, P410 + P412, P501

This highly effective water based formulation for professional and amateur use is approved for use in a wide variety of areas, and control both Flying and Crawling Insects. Provide quick control and rapid knockdown.

 **BAYERFLY** 12 x 400ml

**J FLEXIBLE AEROSOL STRAW KIT**

Flexible extension straws for Racumin Foam and other aerosol sprays such as Envu Flying Insect Killer. The straws come supplied in a multi pack containing:

- 1 x 60cm flexible straw
- 1 x 30cm flexible straw
- 1 x cleaning tool
- 1 x actuator cap & connector (fits all common 4mm male aerosol valves)
- 1 x additional spare actuator cap

Made from robust chemical resistant tubing, the straws can be bent to the required shape and stay put.

**AEROSTRAWKIT** Each

**K DIGRAIN CONTROL** PROFESSIONAL **SP**

Contains 0.25% Permethrin, 0.24% Tetramethrin

Treats both flying and crawling insects. One of the strongest on the UK market. Proven knock down and efficacy in the field.

 **DIGRAINCONTROL** 1 x 600ml



## INSECTICIDE AEROSOLS



<b>A</b>	<b>PHOBI F&amp;F ONE SHOT</b>	PROFESSIONAL	<b>SP</b>
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Contains 0.11% imiprothrin & 0.33% cyphenothrin

A quick knockdown and moderately residual broad spectrum one-shot aerosol for space spraying, based on a combination of pyrethroid ingredients. For the control of cockroaches, fleas, flies, bedbugs, mosquitoes and other flying and crawling insects including confused flour beetles and biscuit beetles. Areas of use are in enclosed indoor situations, domestic premises, food preparation premises, kitchens and bakeries.

	<b>PHOBIONE</b>	1 x 300ml	
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<b>B</b>	<b>VAZOR® WASP NEST DESTROYER</b>	PROFESSIONAL	<b>SP</b>
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Contains 0.27% Permethrin, 0.11% Tetramethrin

A powerful foam wasp nest destroyer for killing wasps in the nest. This professional treatment is easily applied from a safe distance directly onto a nest providing quick and effective control. The nest should be treated late evening or early morning when the wasps are less active.

	<b>VAZORWASPFOAM</b>	1 x 600ml	
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<b>C</b>	<b>DIGRAIN WASP &amp; HORNET DESTROYER</b>	PROFESSIONAL	<b>SP</b>
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Contains 0.25% Permethrin, 0.24% Tetramethrin

One of the strongest wasp destroyers on the market. Pressurised aerosol - can spray up to 18 feet! Proven knock down and efficacy in the field.

	<b>DIGRAINWASP</b>	1 x 600ml	
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<b>D</b>	<b>AEROSOL 3</b>		
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Aerosol 3 is a 3.25m adjustable telescopic lance that attaches to aerosol products such as Digrain Wasp & Hornet Nest Destroyer & Bayer Flying Insect Killer.

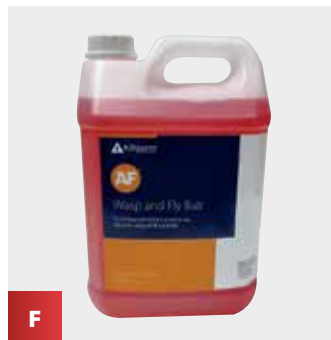
- Designed specifically for closer range precision treatment ideal for attics and confined areas.
- Lance has adjustable length of 1 m to 3.25 m.
- Reduces time taken to treat nests.
- Useful in unfloored attics, eliminating the need for walking boards.
- Stores in to a compact 1.3 m long PVC Protective Carry Tube.

<b>AEROSOL3</b>	Each		
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## ATTRACTANTS AND LURES



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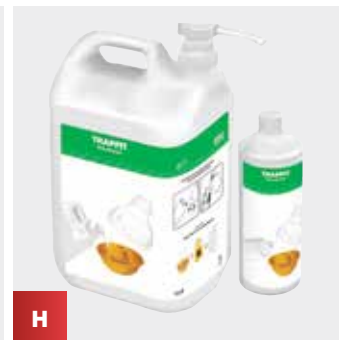


F



NEW

G



H

## E AF WASP AND FLY TRAP

The AF Wasp and Fly trap is a reusable trap made from hardwearing polypropylene. Ideal for use in all areas where wasps and flies need to be controlled, such as food storage and processing areas, patios, beer gardens, bin storage and leisure areas. The trap is supplied with an easy to fit hanging cord which can be attached through eyelets in the trap lid. The trap base has raised feet which also allow the trap to be used on flat surfaces if required. The trap should be serviced regularly, removing dead insects and re-filling with fresh liquid bait. Liquid Wasp & Fly Bait sold separately.

AFWASPTRAP6

Pack of 6

## F AF WASP AND FLY BAIT

The AF Wasp and Fly Bait is a poison-free, non-toxic, food-grade lure, that is highly attractive to both *Vespidae* (wasps) and *Muscidae* (synanthropic flies) species. AF Wasp and Fly Bait is not based on protein bait, therefore does not have an unpleasant odour and does not require activation time (fermentation process of protein-based baits requires a few days to make the trap active). It can be used in the vicinity of human activity, providing immediate effective action against both wasps and flies.

- Poison-free.
- Non-toxic.
- Lasts for 4 weeks.
- Safe to the environment.
- Safe to non-target species.
- Does not attract honey bees and bumblebees.
- Odourless.
- Effective against both wasp and flies.
- Immediate efficacy, no activation time.

AFWASPBAIT005L

1 x 5 litres

## G AF PUMP FOR 5L CONTAINER

NEW

This pump can be used with the 5L of AF Wasp & Fly Bait if needed for use with the AF Disposable Wasp Bags.

PUMPAFWASP

Each

## H TRAPPIT LIQUID WASP BAIT

An economical, ready-to-use bait that attracts flies and wasps. For use in any liquid bait insect trap. Contains a Bee-repellant.

DOMEA001L

1 x 1 litre

ATTRACTANTS AND LURES

ANTI-STATIC



**A AF® DISPOSABLE WASP BAG** **NEW**

Effective, safe and easy to use disposable trap, designed for use outdoors. Each trap requires 500ml of AF Wasp and Fly Bait, and once full of dead wasps close screw cap and dispose in household waste. AF Wasp & Fly Bait sold separately.

<b>AFFLYBAG</b>	Each
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**B FLEA TRAP**

For estimating and monitoring flea infestations. The flea trap is supplied with a screw-in bulb and 1 pad.

<b>FLEATRAP</b>	Each
<b>FLEAPADS</b>	Pack of 6 sticky pads
<b>FLEABULB</b>	Spare bulb (screw)

**C IK9 - PC SPRAYER**

A lightweight sprayer with polypropylene tank complete with viton seals, pressure regulator, directional lance and safety valve.

<b>IK9SPRAYE</b>	6 litre sprayer
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# Dismate PE

## Sustainable Moth Management System



### DISMATE PE

Dismate PE is a powerful system used to combat food moths present in food processing, manufacturing and distribution facilities. The pheromone-based technology works as a mating disruption system that has been used successfully in the food industry for many years. Dismate PE is a preventative and curative treatment for food moth infestations in facilities such as cereal manufacturing facilities, chocolate factories, large scale commercial bakeries, nut or dried grain storage and grain silos. Mating disruption technology is recommended for professional use to combat: Indian meal moth, *Plodia interpunctella* – Mill moth, *Ephestia kuehniella* – Warehouse moth/ Cocoa moth, *Ephestia elutella* – Tropical warehouse moth, *Cadra cautella* – Raisin moth, *Cadra figulilella*.

Dismate PE offers *Plodia/Ephestia* control in a non-toxic, residue free way that results in no down-time for the facility, saving time and money. The long-life sachets are active for up to 3 months and come in four colours to enable easy servicing for the pest controller. The sachets are metal detectable to provide additional safety measures.

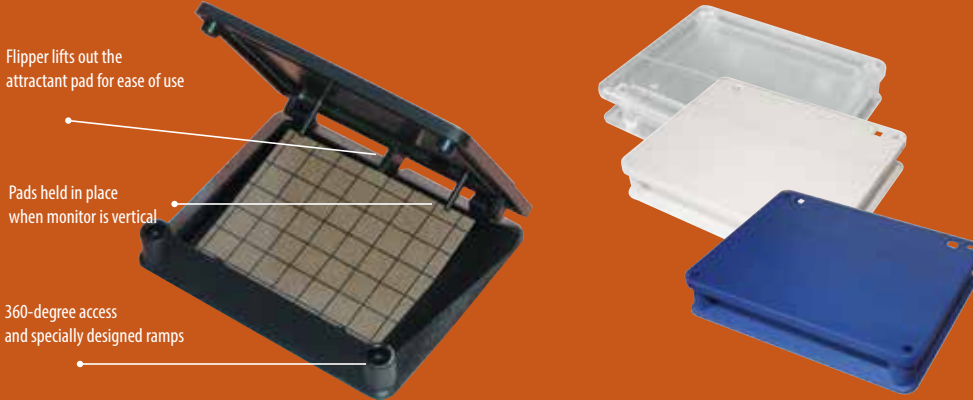
Dismate PE works by disturbing the communication between male and female through:

- Masking the pheromone trail left by the female.
- Exhaustion of males through sparking premature excitation in their search for females.
- Confused males can then be found stationary and hovering around high pheromone release dispensers.

Each pack of 5 dispensers are supplied with a cable tie to fasten to already installed brackets. If new brackets are required, these can be purchased separately.

<b>DISMATEPEBLU</b>	Pack of 5	Jan-Mar	Blue
<b>DISMATEPEGRE</b>	Pack of 5	Apr-Jun	Green
<b>DISMATEPERED</b>	Pack of 5	Jul-Sep	Red
<b>DISMATEPEVEL</b>	Pack of 5	Oct-Dec	Yellow
<b>DISBRACK50</b>	Pack of 50 Brackets		

## AF® Insect Monitoring System



Flipper lifts out the attractant pad for ease of use

Pads held in place when monitor is vertical

360-degree access and specially designed ramps

- Slimline profile means it can be placed in narrow gaps, closer to insect activity
- Slimline profile prevents entry by non-target species, such as mice
- The unique “flipper” design automatically lifts out the attractant pad for easy inspection and convenient removal
- 360-degree access and the specially designed ramps mean the insects commit to entering the trap from all directions
- Insects are unable to detect the sticky surface until it's too late, they will not avoid entry
- The textured surface and optimum ramp angle add to ease of entry and the narrow leading edge does not deter smaller insects
- Will fit on to the AF Advance Mouse Box & AF Snappa forming Integrated Monitoring/Control System to monitor both rodent and insect activity
- Corporate printing available

AF150BLA	Black	Box of 50	
AF150WHI	White	Box of 50	
AF150BLU	Blue	Box of 50	
AF150CLE	Clear	Box of 50	

## AF® Location Bracket

The AF Location Bracket is exclusive to the AF Insect Monitoring System. It can be used to floor mount the insect monitor alone or when used in conjunction with the AF Integrated Monitoring/Control System (when the AF Advance Mouse Box and AF Insect Monitoring System are attached). The location bracket enables the easy removal of the insect monitor when dating and cleaning.



AFIBRACK	Location Bracket	Each	
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## AF® Cockroach & Crawling Insect Monitor Glue Pad

- Pad contains its own integrated attractant system eliminating the need for separate attractant tablets
- Special slow release matrix, which remains effective for as long as the pad remains sticky
- Pads are colour-coded in red
- Standard size fits most plastic insect monitoring stations
- Printed grids make counting easier



Pads are non-species or sex specific and attract a wide range of insect species in all mobile life stages, making it an invaluable IPM monitoring tool.

AFI100CRA	Glue Pads	Pack of 100	
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## AF® Insect Monitoring System

The AF Advance Mouse Box has been designed so that it fits securely onto the AF Insect Monitor, making servicing faster and easier.



# AF® Demi-Diamond & Glue Pads



- A versatile flying insect monitoring station designed for use in areas where Stored Product Moths (Ephestia and Plodia) and Textile Moths (Tineola bisselliella) are a problem.
- Patterns of triangular holes allow easy access to flying insects whilst making inspection quick and easy.
- Glue board is simple and quick to change.
- Supplied flat - ready for assembly.
- The attractant in these glue pads is pheromone based, using the same slow release matrix technology as the crawling insect glue pad, no need for fiddly attractant tablets.
- One pad for both Ephestia species and Plodia species.
- One pad for Tineola bisselliella species.
- Can be wall mounted, free standing or hung on all popular curtain and clothes rails.

### THE AF® DEMI-DIAMOND® TRAPS

AFDEMI50C	PK 50 DEMI-DIAMOND TRAPS (CLEAR)	
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GREEN: EPHESTIA/PLODIA PHEROMONE MONITORING PADS		BLUE: TINEOLA BISSELLIELLA PHEROMONE MONITORING PADS	
AFD100EPH	Pack of 100 pads	AFD100TIN	Pack of 100 pads

- The AF Demi-Diamond can also be used to monitor areas where Fruit fly (Drosophila) are a problem.
- Small reservoir at the bottom of the monitor means attractants can be added to maximise the monitors efficacy.
- Yellow glue board means maximum attractiveness to flying insects.

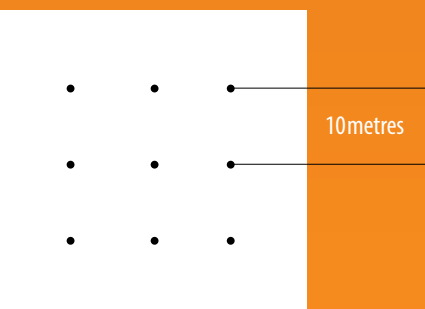
AFDEMIFRU	Pk 100 Fruit Fly Glue Pads	
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- The AF Demi-Diamond is available in blue that is suitable for use in the food industry.

AFDEMIBLUE	Pk 50 Demi-Diamond Traps (Blue)	
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### WAREHOUSE - GRID SYSTEM



VIDEO AVAILABLE ONLINE  
[www.killgerm.com](http://www.killgerm.com)

GOT A SMART PHONE  
 Visit your app store to find a  
 barcode reader for your device

## MONITORING TRAPS



## INTEGRATED PEST MANAGEMENT

It is essential that pest control programmes are monitored so that levels of infestation and the efficacy of treatments may be determined. Killgerm's range of monitoring traps are designed to allow you to monitor for a wide variety of insect species in different environments.

Based on insect attraction (as pheromones, food attractants or a combination of both) the traps work constantly as monitors of pest populations in food storage and preparation areas.

## B BLACK STRIPE MOTH TRAP

For the monitoring of moth pests of stored food. Gives early warning of infestation. At least one trap per 600m<sup>3</sup> should be used in areas subject to infestation eg. incoming goods and storage areas, manufacturing and production areas, connecting aisles and passage ways. Ideal for dusty conditions. **Please note the product does not come with any pheromone dispensers.**

<b>BLACKFUNTRAP5</b>	Pack of 5
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## B PHEROMONE DISPENSERS

Standard pheromones to fit in the Black Stripe Moth Trap. Should be replaced every 6 weeks.

<b>FUNNELFIL</b>	Pack of 10
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## C XLURE LONG-LIFE LURES

Effective against *Ephestia* and *Plodia interpunctella* species. A four coloured, long-life dispenser for Stored Product Moth monitoring and detection. The year round rotation of pheromones helps improve pest management practice making change of dispensers more visible to technicians and customers. Should be replaced every 3 months.

<b>XLUREBLUE</b>	Pack of 10	Jan-Mar
<b>XLUREGREEN</b>	Pack of 10	Apr-Jun
<b>XLURERED</b>	Pack of 10	Jul-Sep
<b>XLUREYELLOW</b>	Pack of 10	Oct-Dec

## D FUNNEL LINERS

Shaped plastic liners designed to fit in the Black Stripe Moth Trap coated with specially formulated non-drying insect glue. Used to replace insecticide and other killing agents.

<b>FUNNELLIN</b>	Pack of 10
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## E AF® DEMI-DIAMOND®

A versatile flying insect monitoring station designed for use in areas where Fruit Fly, *Ephestia/Plodia* and *Tineola bisselliella* are a problem.

<b>AFDEMI50C</b>	Pk 50 Demi-Diamond traps (Clear)
<b>AFDEMIBLUE</b>	Pk 50 Demi-Diamond traps (Blue)
<b>AFDEMIFRU</b>	Pk 100 Fruit Fly Glue Pads
<b>AFD100EPH</b>	Pack of 100 <i>Ephestia/Plodia</i> pheromone monitoring glue pads
<b>AFD100TIN</b>	Pack of 100 <i>Tineola bisselliella</i> pheromone monitoring glue pads



MONITORING TRAPS



**F XLURE-FIT**

Xlure-FIT is a fabric insect trap which contains a special mix of attractants and insect pheromones. Xlure-FIT trap can be used to monitor clothes moths and carpet pests such as the webbing clothes moth, *Tineola bisselliella*, the case bearing clothes moth, *Tinea pellionella*, the varied carpet beetle, *Anthrenus verbasci*, the black carpet beetle, *Attagenus unicolor*.

<b>XLUREFIT</b>	Box of 5	Complete Traps	
<b>XLUREFITREFILL</b>	Box of 10	Refills	

**G LUREKING NO12 CORNER TRAP**

Enhanced, ready to use traps with an integrated, improved attractant. Offering protection before, during and after treatment, the Lureking No12 is a smaller discreet trap that fits perfectly into a corner, easily hidden around equipment or furniture. The traps are a safe, non-toxic solution to monitoring all types of cockroaches. Once assembled there is no need to add a lure as it is already included in the glue. The traps are highly effective for detecting low level populations, but also have a high capacity to be used as a substitute for when conventional insecticide is not safe to use e.g. In the food industry. The Lureking traps detect a potential problem before the population increases, they are ideal for locating problem areas of harbourage enhancing control efforts and allowing pest controllers to intensify treatments in certain areas. Supplied as 100 sets of 3 traps.

<b>LUREKINGNO12</b>	Box of 300	
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**H LUREKING NO30 LOWLINE TRAP**

Enhanced, ready to use traps with an integrated, improved attractant. Offering protection before, during and after treatment, the Lureking No30 is a lowline trap that can be slipped under shelving and into tight spaces. The traps are a safe, non-toxic solution to monitoring all types of cockroaches. Once assembled there is no need to add a lure as it is already included in the glue. The traps are highly effective for detecting low level populations, but also have a high capacity to be used as a substitute for when conventional insecticide is not safe to use e.g. In the food industry. The Lureking No30 traps detect a potential problem before the population increases, they are ideal for locating problem areas of harbourage enhancing control efforts and allowing pest controllers to intensify treatments in certain areas.

<b>LUREKINGNO30</b>	Pack of 10	
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**I HOY HOY TRAP-A-ROACH**

The Hoy Hoy Trap is ideal for monitoring levels of cockroach infestation. It has a sticky floor, approximately 15cm x 10cm with a food attractant sachet to entice cockroaches to enter the trap. The brand leader.

<b>TRAPARNEW</b>	Box of 100	
<b>TRAPARPKS</b>	Box of 5	

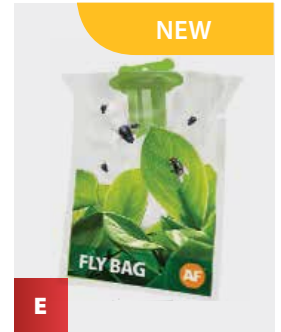
**J SILVERCHECK TRAP**

This ready-to-use Silverfish and Greyfish Trap is a self-contained and user friendly cardboard station with a powerful sticky base. Included with this product is a sachet of lure powder which is highly effective in attracting crawling insect pests. The trap can be used to effectively control both Common Silverfish (*Lepisma saccharina*) and Grey Silverfish (*Ctenolepisma longicaudata*) infestations. Simple and effective, these traps are ideal for use in large or small spaces in both private and public areas. Size 200mm x 94mm.

<b>SILVCHECKTRAP10</b>	Pack of 10	
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## MONITORING TRAPS

## FLY TRAPS



### A XLURE MST

This is a truly indispensable tool for the monitoring of crawling insects in the dry food chain. It is capable of attracting and trapping practically all crawling stored products insects with a high degree of efficiency. With three pheromones and two food attractants, the Xlure- MST is a powerful multi species trap capable of detecting beetles, weevils and mites in its vicinity. It can be used in various conditions including areas of high dust. It comprises a main trap structure made of a sturdy plastic shell and ramp fitted with a replaceable pre-baited and ready to use cartridge.

<b>XLUREMST</b>	Box of 5	Complete traps	
<b>XLUREMSTREFILL</b>	Box of 10	Refills	

### B PITFALL CONE TRAP

For the detection and identification of Grain Storage Beetles & Weevils in stored grain. The ten traps come complete with marker tags and should be placed in pairs in the grain 5-6m apart. One at the grain surface and one at 8-15cm depth.

One pack per 200-300 tonnes of stored grain recommended. The traps come coated with a non-stick PTFE solution applied to stop insects escaping. Unbaited.

<b>PITFALL</b>	Pack of 10	
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### C INSECTRAC CL

Unique pheromone system for long-term population management and damage reduction of clothes moth *Tineola bisselliella*. CL Tab employs pheromones for long term population management, specifically for clothes moth *Tineola bisselliella*. Using patented Entostat powder technology, the Insectrac CL Tab induces a transfer of pheromone among male moths to create a confusion effect. This process, called 'Auto-Confusion', spreads pheromone throughout the male moth population thereby interrupting the mating cycle and reducing the moth population. The product is ideally designed to be discrete for professional textile, heritage, costume storage and numerous other sites vulnerable to clothes moth attack. The Insectrac CL Tab system is simple to deploy with the associated CL Tab Holder. These can be kept permanently in place and the CL Tab replaced every 2 months. CL Tabs are supplied in packs of 24 tabs to effectively treat up to 600m<sup>2</sup>. Use in conjunction with monitoring traps throughout the treatment area to assess the level of infestation. Over time a reduction in moth numbers being caught, indicates the effectiveness of the Insectrac system working.

<b>INSECTRACCLTAB</b>	Pack of 24 Tablets	
<b>INSECTRACCLDISP</b>	Pack of 24 Dispensers	

## FLY TRAPS

### D REDTOP FLY CATCHER

A disposable non toxic fly trap used outdoors to draw flies away from affected areas. The trap is suitable for domestic use in gardens, arming & breeding environments, food preparation areas & anywhere that flies tend to gravitate. 85% of flies trapped are egg laying females and this contributes to controlling the fly population in the area. The Red Top Trap exploits the survival instincts in order to trap them, the flies can therefore never become immune to the lure.

<b>REDTOPDISP</b>	Each	
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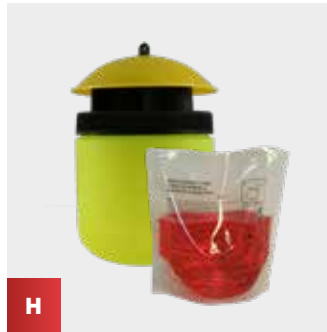
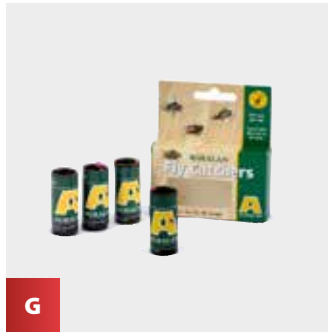
### E AF® DISPOSABLE FLY BAG

The Fly Bag Trap is an effective way to lure blue bottle, green bottle and house flies away from sensitive outdoor areas with the specially formulated food grade attractant contained within a water soluble sachet. The flies are caught and trapped inside the bag which can be disposed of once full of flies. Ideal for outdoor use in farms, stables, gardens and bin areas.

<b>AFFLYBAG</b>	Each	
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**FLY TRAPS**

**FRUIT FLY TRAPS**



**F GOLD STICK FLY TRAPS**

The Gold Stick is a highly effective insect trap that is safe to use in all areas. Contains no toxins, insecticides, hazardous chemicals and emits no vapours or offensive odours. Gold Sticks are long lasting and can be used in both internal and external areas. The combination of lures that are contained in the Gold Stick are highly attractive to flies and other nuisance flying insects. Gold sticks can be used horizontally, free standing or hung vertically. The large version measures 24", the small version 12".

<b>GOLDSTICKSMALL</b>	Each	
<b>GOLDSTICKLARGE</b>	Each	

**G STICKY FLY PAPERS**

A non-toxic fly paper that does not contain any attractant.

<b>FLYPAPERS</b>	Pack of 4	
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**H AF FRUIT FLY TRAP**

The AF Fruit Fly Trap is a poison free device for monitoring fruit flies (*Drosophila melanogaster*) in commercial, residential and industrial premises such as bakeries, groceries, confectioneries, restaurants, offices, and similar locations. It is excellent at locating the source of fruit fly infestation through monitoring the count in the trap. It lures adult fruit flies, and therefore it is a perfect tool for mapping infestation levels.

Supplied as a pack of 6 traps and 6 x 200ml lures, with additional packs of lure also available.

<b>AFFRUITTRAP</b>	Pack of 6 traps and 6 x 200ml Lure	
<b>AFFRUITLURE200ML</b>	Pack of 6 x 200ml replacement lure	

**I AF® DEMI-DIAMOND® FRUIT FLY TRAPS**

A versatile flying insect monitoring station designed for use in areas where Fruit Fly, *Ephestia/Plodia* and *Tineola bisselliella* are a problem.

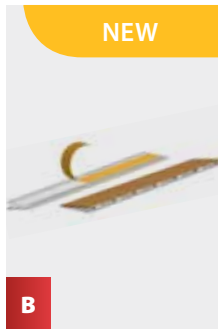
- Small reservoir at the bottom of the monitor means attractants can be added to maximise the monitors efficacy.
- Yellow glue board means maximum attractiveness to flying insects.

<b>AFDEMI50C</b>	Pk 50 Demi-Diamond traps (Clear)	
<b>AFDEMIFRU</b>	Pk 100 Fruit Fly Glue Pads	

## BEDBUG PRODUCTS



A



NEW

B



C



D



NEW

E



F

## A SENSICI PYRAMID™

The SenSci Pyramid™ is a revolutionary new glueboard specifically designed for bedbugs. This design combines the efficacy of pitfall traps with the affordability of glueboards in one seamless design. Although research has seen typical glueboards as ineffective for bedbugs, experience and technology has been used to develop a glueboard that is highly effective for bedbugs. The Pyramid can also be used for other pests including cockroaches, whereby a cockroach lure can be added.

**SENSICYPYRAMID** Pack of 24

## B DOMOBIOS BEDBUG TRAP

NEW

The Domobios Bedbug Trap is a ready-to-use, bedbug monitor trap that represents a new innovation in the control of bedbug populations. Developed with a leading European University, the trap was created after observation of bedbug behaviour, especially their communication and living habits. The trap boasts an innovative and unique design that is very attractive to bedbugs. The trap is made up of several miniature cells, and once placed in a suitable location, it creates an effective mimic of a natural harbourage, providing an attractive and enticing environment for bed bugs to enter. Once they enter the trap, the bugs are not aware they're becoming trapped because there is no glue present on the floor of the trap. They will continue to enter the harbourage, moving further up the trap towards the sloped roof until they are eventually glued to the ceiling. Once caught, the trap begins to exploit "self-amplification" to attract more bedbugs.

**DOMOBIOSTRAP** Pack of 10

## C BUGSCENTS BEDBUG LURE

The BugScent bedbug lure, developed by experts at the London School of Hygiene and Tropical Medicine, is an aggregation-pheromone-based lure that can be applied via the AF crawling insect monitor or SenSci Volcano. The bedbug aggregation pheromone attracts nymphs, females and males irrespective of whether they have fed or not. The lures are long-lasting and remain active for approximately 12 weeks. The shelf life is expected to exceed 18 months. This new lure is the product of over 12 years' research by world-leading experts in medical entomology and chemical ecology. Led by Professors Mary Cameron and James Logan, Killgerm is pleased to present a science-based and evidence-led bedbug monitoring product to the market. Monitoring for bedbug activity is an essential part of an integrated pest management plan.

**BUGSCENTLURE** Pack of 3 x 2.4g

## D LUREKING BEDBUG MONITOR

The Lureking Bedbug Monitors offer protection before, during and after treatment. They can be slipped under or behind a bed, behind curtains or easily hidden in tight spaces around furniture. The Lureking Bedbug Monitors are a safe and non-toxic solution to monitoring bed bugs. Once assembled there is no need to add a lure as it is already included in the glue. The rough card exterior on the ramps enables the bed bugs to climb easily into the trap. The shiny card surface on the inside prevents them from escaping. The traps are highly effective for detecting low level populations before they get out of control. Checking and marking the monitors weekly can help with early detection to alert pest controllers of the need for treatment before the population increases. They are ideal for locating problem areas of harbourage, enhancing control efforts and alerting pest controllers to areas/rooms where they need to intensify treatments.

**LUREKINGBB** Pack of 100 (50x2)

## E TRUDETIX TEST

NEW

Time is of the essence when it comes to bed bugs. Detect bed bug residue in just five minutes, allowing you to act swiftly and decisively. Upgrade your bed bug inspections with the TruDetx™ Bed Bug Rapid Test. Detecting and eliminating bed bugs has never been this efficient and stress-free. Get started today and experience the future of pest control!

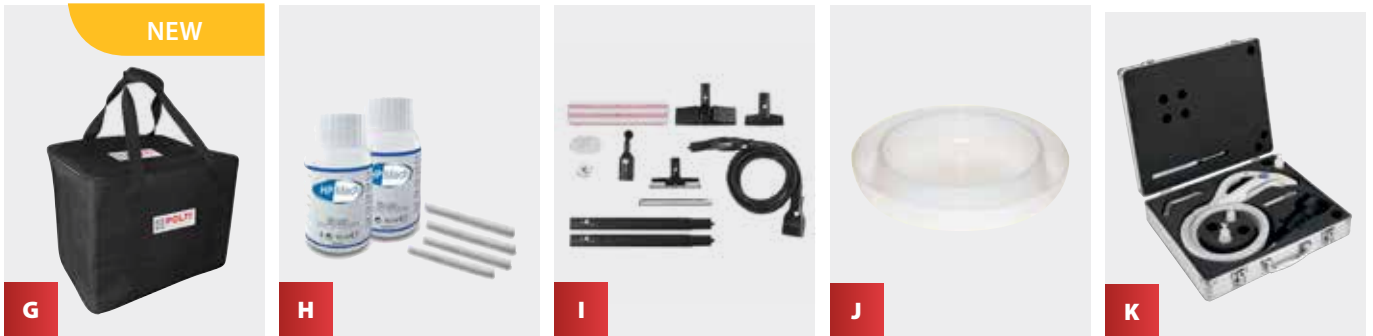
**TRUDETIXS** Pack of 5 Tests

## F CIMEX ERADICATOR

A non-chemical, non-contact, eco-friendly solution for the elimination of bedbugs. Ideal for use as part of the integrated management of bedbugs. The Cimex Eradicator is a steam generator which uses steam heated to 180°C to eliminate bedbugs. The flow of steam from the nozzle at 180°C is able to eliminate the adult insects, the nymphal stages and the eggs by causing thermal shock. The Cimex Eradicator can be stored/transported in a B&G Carry Case.

**CIMEXERAD** Each

**BEDBUG PRODUCTS**



**G CIMEX BAG** NEW

arry the Polti Cimex Eradicator with this practical and spacious carrying case with handles and a shoulder strap. The carrying case is divided into two compartments that allow you to store the unit safely and to protect it from any damages.

**CIMEXBAG** Each

**H HP MED SOLUTION**

HP Med Solution is the detergent which, when combined with the superheated steam of the Cimex Eradicator, eliminates the characteristic smell of bed bugs and melts the gluey substance which binds the eggs to surfaces. Each pack contains 2 x 50ml bottles and 4 wicks.

**CIMEXHPMED2** Pack of 2

**I STEAM ACCESSORIES KIT**

The Cimex Eradicator Steam Accessories Kit is the ideal tool for transforming the Cimex Eradicator into a perfect steam cleaner. In addition to eliminating bed bugs, the Cimex Eradicator becomes the ideal ally for deep cleaning. The steam kit contains:

- extension hoses
- floor brush
- small brush
- flexible hose handle
- window cleaning accessory
- steam concentrator with nylon brush
- cotton cloth
- cotton sockette

**CIMEXSTEAMKIT** Each

**J CLIMBUP INSECT INTERCEPTOR**

The ClimbUP makes bedbug monitoring easy. When used under where people are sleeping, the ClimbUP will make visible very low levels of bedbug infestation to any observer. The exterior climbing surface is white paper. The ClimbUP is round with total diameter of 6" and a height of 1". The centre well diameter is 3¾".

**CLIMBUP4** Pack of 4

**K CARRY CASE FOR CIMEX HOSE**

A steel case with foam insert, specifically designed to hold the Cimex Eradicator Hose. Hose not supplied.

**CIMEXHOSECASE** Each



# THE NEW LED RANGE

The Quantum X delivers a full 360° of unrivalled fly attracting UV LED light

- Lower environmental impact
- 3 year tube lifespan
- Zero mercury content

QUANTUM<sup>®</sup>  
LED

Chameleon Qualis



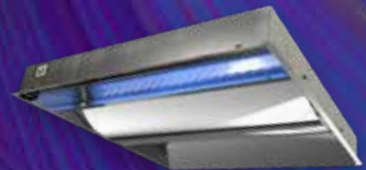
Chameleon Sirius X



Chameleon EXG X



ON-TOPPRO X



Chameleon Stellaris



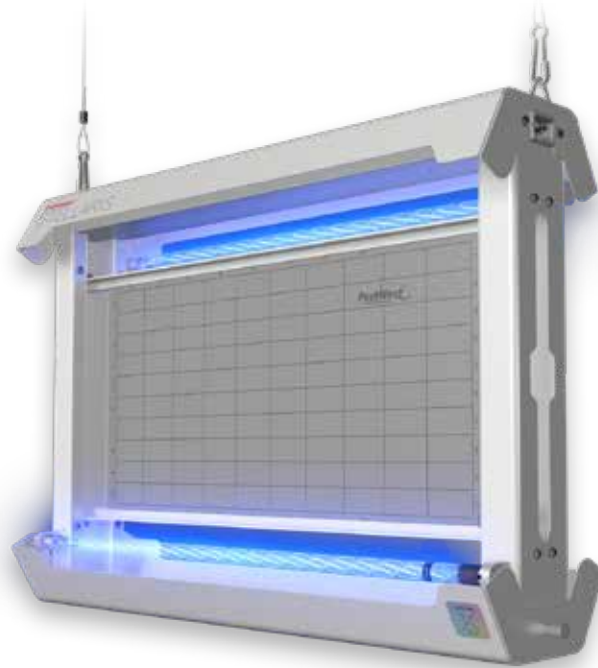
For more information scan here.

[www.pestwest.com](http://www.pestwest.com)

Confidence in  
**Fly Control**

**Chameleon®**

# STELLARIS

with **QUANTUM® X LED** technology**QUANTUM®**  
LEDCOMING  
SOON

The Chameleon® Stellaris is a unique\* double-sided LED UV fly control unit for large, open industrial areas

Patent pending design maximising the 360° UV output of Quantum® X technology to increase energy savings and reduce consumables with no compromise on fly control performance. Consumes up to 6 times less than equivalent models fitted with fluorescent tubes

**Dimensions**

Height: 42cm | Width: 59cm | Depth: 16cm | Weight: 5.7kg | Coverage area: 180 – 220 sqm  
Finish: White // Stainless steel

**Tube data:**

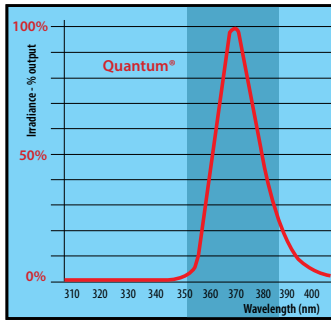
2 Quantum X LED tubes  
Shatterproof coating with industry compliant FEP  
Powered by a state-of-the-art LED driver

<b>CHASTE014</b>	White	
<b>CHASTE114</b>	Stainless Steel	
<b>BOACHALED21</b>	Pack of 6 boards	
<b>TUBLED21</b>	Replacement Tube	



## OPTIMISED SPECTRAL DISTRIBUTION

The majority of the UVA light output of Quantum® tubes is concentrated in the spectrum between 350-380 nanometers. Extensive scientific research sponsored by PestWest and carried out at the University of Birmingham in the UK proved that this is the most attractive spectrum for urban flies. In 1997 PestWest approached Sylvania Lighting International (SLI) to apply the knowledge obtained from this research and after a 2 year development and trials period the Quantum® tube was born.



## MAXIMUM SAFETY WITH FEP SHATTERPROOF COATING

Not all shatterproof coatings are the same because their quality depends on the material used.

Quantum® shatterproof tubes are coated with a high quality FEP shatterproof coating which has an excellent UVA-transmission of up to 97%.

The FEP coating also features excellent impact resistance and guaranteed glass retention. It will not melt, flake, discolour nor drip and complies with international standard EN 61549 for shatterproof tube coatings.

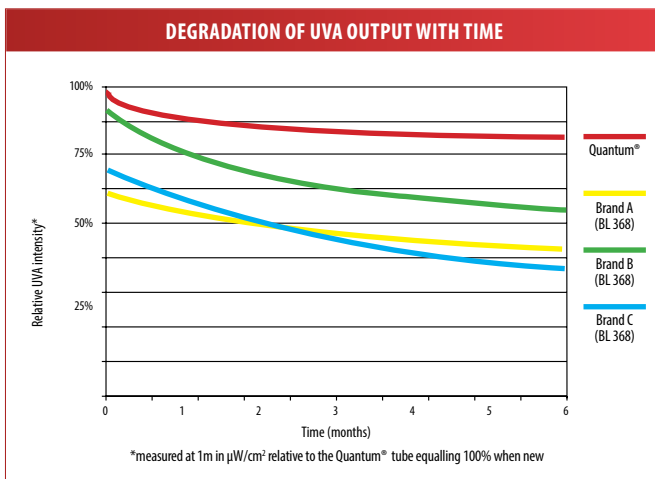
## MEETING ENVIRONMENTAL CONCERNS

Quantum® tubes meet the most environmentally responsible standards and comply with the requirements of the Restriction of Hazardous Substances (RoHS) legislation, under which the manufacture of BL350 tubes has been banned in Europe for environmental reasons. Quantum® tubes are manufactured to the highest quality using the latest water-based phosphor technology.

## MAINTAINING HIGH UVA OUTPUT

UVA light emitted from tubes varies greatly depending on the type of phosphors used and the quality of the manufacturing process. The wrong phosphor mix and any lack of quality control leads to very low product performance.

The special phosphor mix used in Quantum® tubes and a quality control system to international standards give high initial UVA output while maintaining more UVA light over the tube's lifetime (see graph below). As a result, PestWest Quantum® tubes guarantee the user highly effective performance throughout their entire life-span.



The study on the UVA light output above compares the PestWest Quantum® tubes against several popular generic BL368 UVA tube brands.

## WHY CHOOSE PESTWEST?



The PestWest comprehensive range of electronic fly killers and sticky trap units provides a suitable choice for every situation from domestic to specific industrial use. It includes a specialist range featuring high IP ratings and flameproof electrical enclosures giving protection against the most hazardous and potentially dangerous areas (ATEX zones).

The professional range of electronic sticky trap units offers highly efficient and environmentally responsible fly control with unique designs that conceal the glue board and insect catch. The popular Titan® models are suited to medium size premises, whilst the decorative range of sticky traps is ideal for restaurants, hotels, retail shops and domestic use.

- Unsurpassed reliability, giving low maintenance costs.
- Designed and built to stringent specifications and from the highest quality components for long life and efficiency. All machines carry a 3-year guarantee.
- Superior design, quick and easy no-tool servicing to save time and money.
- Quantum® tubes fitted - 100% more effective and 40% more powerful.
- Shatter-resistant tubes coated with FEP fluoropolymer to significantly reduce the risk of glass contamination during tube change.
- Units are CE-marked and independently tested to European standard EN60335-2-59.



## ELECTRONIC FLY KILLERS (EFKs)

The Electronic Fly Killers use powerful PestWest Quantum® tubes to attract flying insects onto a high voltage killing grid to eradicate them. The insects subsequently fall into a catch-tray. PestWest has been developing world leading EFKs for over 25 years. They are designed with both the professional technician and the end-user in mind. They combine robust and powerful designs with tool-free maintenance and a choice of either wall-mounted, ceiling-suspended or freestanding options.



A

## A NEMESIS® QUATTRO WHITE

This all-metal electronic fly killer combines robustness and power with energy-efficient and environmentally responsible technology making it the ideal choice for large open industrial areas. It features new higher energy efficient UVA tubes powered by a state of the art electronic ballast for optimum fly control performance with low running costs and reduced materials (glass & mercury). The unit allows for quick, easy and completely tool-free maintenance. The front guard is lockable in open position, the spring loaded killing grid can be removed for cleaning. 'Power-on' and 'grid-on' warning lights permit an inspection at a distance. Fitted with four powerful, environmentally responsible Quantum® 14 watt 21inch tubes.

H: 42cm W: 65cm D: 18cm 12Kg

Wall-mounted: 240m<sup>2</sup> Ceiling-suspended: 480m<sup>2</sup>

Finish: White

**NEMQUA014** White Each



B

## B NEMESIS® QUATTRO STAINLESS STEEL

This all-metal electronic fly killer combines robustness and power with energy-efficient and environmentally responsible technology making it the ideal choice for large open industrial areas. It features new higher energy efficient UVA tubes powered by a state of the art electronic ballast for optimum fly control performance with low running costs and reduced materials (glass & mercury). The unit allows for quick, easy and completely tool-free maintenance. The front guard is lockable in open position, the spring loaded killing grid can be removed for cleaning. 'Power-on' and 'grid-on' warning lights permit an inspection at a distance. Fitted with four powerful, environmentally responsible Quantum® 14 watt 21inch tubes.

H: 42cm W: 65cm D: 18cm 12Kg

Wall-mounted: 240m<sup>2</sup> Ceiling-suspended: 480m<sup>2</sup>





Finish: All Stainless Steel

**NEMQUA134** All Stainless Steel Each

## ELECTRONIC FLY KILLERS (EFKs)

**C TITAN® 300 WHITE**

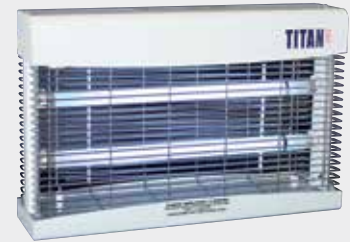
With wrap-around chrome guard giving 360° protection, this all-metal unit offers features and performance far beyond its price. Two powerful 15-watt Quantum® UV tubes coated with industry compliant FEP fluoropolymer give protection up to 180m<sup>2</sup>. Ideal for shops, cafés and all commercial uses.

 H: 33cm     W: 49.5cm     D: 13.5cm     7.5Kg

 Ceiling-suspended: 180m<sup>2</sup>     Freestanding: 180m<sup>2</sup>     Wall-mounted: 90m<sup>2</sup>

Finish:  White





**TIT300014**    White    Each



C

**D TITAN® 300 STAINLESS STEEL**

With wrap-around chrome guard giving 360° protection, this all-metal unit offers features and performance far beyond its price. Two powerful 15-watt Quantum® UV tubes coated with industry compliant FEP fluoropolymer give protection up to 180m<sup>2</sup>. Ideal for shops, cafés and all commercial uses.

 H: 33cm     W: 49.5cm     D: 13.5cm     7.5Kg

 Ceiling-suspended: 180m<sup>2</sup>     Freestanding: 180m<sup>2</sup>     Wall-mounted: 90m<sup>2</sup>

Finish:  Stainless Steel

**TIT300114**    Stainless steel    Each







D

**E TITAN® ALPHA**

A powerful, economical & compact unit with two 15-watt Quantum® T5 tubes.

- Multiple mounting options.
- Easy and fast to service without the need for tools.
- The Titan Alpha is ideal for shops, take-aways and smaller commercial outlets.

 H: 30.5cm     W: 35cm     D: 15cm     4Kg

 Ceiling-suspended: 160m<sup>2</sup>     Freestanding: 160m<sup>2</sup>     Wall-mounted: 80m<sup>2</sup>

Finish:  White

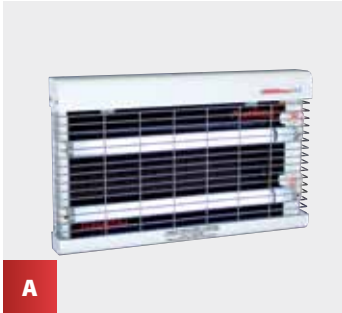
**TITALP013**    Each



E

## PROFESSIONAL STICKY TRAPS

- Quantum® shatter-resistant tubes coated with industry compliant FEP fluoropolymer for maximum attraction and significantly reduced risk of contamination from glass breakages.
- Full-size sticky board to effectively catch even the smallest flies.
- Easy-to-remove bottom tray, drop-down guard and front covers - no tool service.
- Reflectobakt® sleeves increase attractiveness to insects, significantly slow the drying of the sticky board and allow longer board life and slimmer design.
- Interchangeable tubes and sticky boards on all units to minimise stocking requirements.



A

**A CHAMELEON® 1X2 WHITE**

Attractive, ultra-slim, wall-mounted unit (freestanding bracket available), compact and unobtrusive, ideal for use in food preparation areas. Two 15-watt powerful Quantum® UV tubes coated with industry compliant FEP fluoropolymer give 180° coverage. This popular unit is also available with a high grade stainless steel body and chrome guard.

	H: 30cm		W: 47.5cm		D: 6.5cm		4.3Kg
	Wall-mounted: 90m <sup>2</sup>		Freestanding: 90m <sup>2</sup>				

Finish:  White

<b>CHA1X2014</b>	White	Each	
<b>EF30STAND</b>	Free-standing bracket	Each	



B

**B CHAMELEON® 1X2 STAINLESS STEEL**

Attractive, ultra-slim, wall-mounted unit (freestanding bracket available), compact and unobtrusive, ideal for use in food preparation areas. Two 15-watt powerful Quantum® UV tubes coated with industry compliant FEP fluoropolymer give 180° coverage. This popular unit is also available with a high grade stainless steel body and chrome guard.

	H: 30cm		W: 47.5cm		D: 6.5cm		4.3Kg
	Wall-mounted: 90m <sup>2</sup>		Freestanding: 90m <sup>2</sup>				

Finish:  Stainless Steel

<b>CHA1X2114</b>	Stainless steel unit	Each	
<b>EF30STAND</b>	Free-standing bracket	Each	



C

**C CHAMELEON® 1X2 DISCRETION WHITE**

Built to the same specification as the Chameleon 1x2, an attractive front cover conceals the sticky board and catch, which makes this unit ideal for areas in view of the public.

	H: 30cm		W: 47.5cm		D: 6.5cm		4.3Kg
	Wall-mounted: 70m <sup>2</sup>		Freestanding: 70m <sup>2</sup>				

Finish:  White

<b>CHA12D014</b>	White	Each	
<b>EF30STAND</b>	Free-standing bracket	Each	



D

**D CHAMELEON® 1X2 DISCRETION STAINLESS STEEL**

Built to the same specification as the Chameleon 1x2, an attractive front cover conceals the sticky board and catch, which makes this unit ideal for areas in view of the public.

	H: 30cm		W: 47.5cm		D: 6.5cm		4.3Kg
	Wall-mounted: 70m <sup>2</sup>		Freestanding: 70m <sup>2</sup>				

Finish:  Stainless Steel





<b>CHA12D114</b>	Stainless steel unit	Each	
<b>EF30STAND</b>	Free-standing bracket	Each	

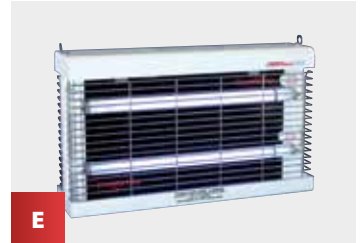
## PROFESSIONAL STICKY TRAPS

- Quantum® shatter-resistant tubes coated with industry compliant FEP fluoropolymer for maximum attraction and significantly reduced risk of contamination from glass breakages.
- Full-size sticky board to effectively catch even the smallest flies.
- Easy-to-remove bottom tray, drop-down guard and front covers - no tool service.
- Reflectobakt® sleeves increase attractiveness to insects, significantly slow the drying of the sticky board and allow longer board life and slimmer design.
- Interchangeable tubes and sticky boards on all units to minimise stocking requirements.

### E CHAMELEON® 2X2 WHITE

Ceiling-suspended; able to protect large open areas. Can be placed above aisles with no possibility of fly fallout. 360° attraction with four 15-watt Quantum® UV tubes coated with industry compliant FEP fluoropolymer and two full-size sticky boards.

 H: 30cm	W: 49.5cm	D: 13cm	 6Kg
 Ceiling-suspended: 180m <sup>2</sup>	 Freestanding: 180m <sup>2</sup>		
Finish: <input type="checkbox"/> White			
<b>CHA2X2014</b>	White	Each	



E

### F CHAMELEON® 2X2 STAINLESS STEEL

Ceiling-suspended; able to protect large open areas. Can be placed above aisles with no possibility of fly fallout. 360° attraction with four 15-watt Quantum® UV tubes coated with industry compliant FEP fluoropolymer and two full-size sticky boards.

 H: 30cm	W: 49.5cm	D: 13cm	 6Kg
 Ceiling-suspended: 180m <sup>2</sup>	 Freestanding: 180m <sup>2</sup>		
Finish: <input type="checkbox"/> Stainless Steel			
<b>CHA2X2114</b>	Stainless steel	Each	



F

### G CHAMELEON® UPLIGHT WHITE

This attractive wall-mounted unit is the perfect choice for areas where fly control should be discreet, e.g. restaurants and other eating areas. Disguised as a wall light with full-size sticky board and 15-watt Quantum® tube coated with industry compliant FEP fluoropolymer hidden from view. Front cover can be decorated to match existing décor.

 H: 21cm	W: 47cm	D: 17cm	 3.7Kg
 Wall-mounted: 40m <sup>2</sup>			
Finish: <input type="checkbox"/> White			
<b>CHAUPL014</b>	White	Each	



G

### H CHAMELEON® UPLIGHT MAGNOLIA

This attractive wall-mounted unit is the perfect choice for areas where fly control should be discreet, e.g. restaurants and other eating areas. Disguised as a wall light with full-size sticky board and 15-watt Quantum® tube coated with industry compliant FEP fluoropolymer hidden from view. Front cover can be decorated to match existing décor.




 H: 21cm	W: 47cm	D: 17cm	 3.7Kg
 Wall-mounted: 40m <sup>2</sup>			
Finish: <input type="checkbox"/> Magnolia			
<b>CHAUPL034</b>	Magnolia	Each	

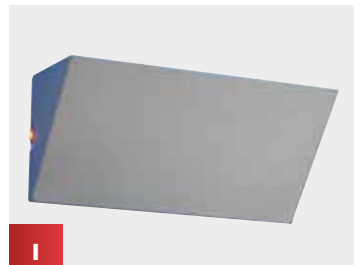


H

### I CHAMELEON® UPLIGHT SILVER

This attractive wall-mounted unit is the perfect choice for areas where fly control should be discreet, e.g. restaurants and other eating areas. Disguised as a wall light with full-size sticky board and 15-watt Quantum® tube coated with industry compliant FEP fluoropolymer hidden from view. Front cover can be decorated to match existing décor.

 H: 21cm	W: 47cm	D: 17cm	 3.7Kg
 Wall-mounted: 40m <sup>2</sup>			
Finish: <input type="checkbox"/> Silver			
<b>CHAUPL054</b>	Silver	Each	



I




## DECORATIVE STICKY TRAPS


To complement the PestWest range of commercial and professional units, a set of units designed specifically for areas where fly control should be hidden from view are now available. The units come with decorative and unique front covers that hide the glue board

and insect catch. The units offer a choice of attractive, discreet and environmentally friendly sticky trap fly control, ideal for domestic use and front-of-house applications e.g. restaurants, cafés, bars, hotels and the home.

### A SUNBURST® TAB

The Sunburst® TAB is the latest addition to the Sunburst range. It is destined for catering outlets in both front and back-of-house areas thanks to its concealed fly catch behind a brushed stainless steel cover. Versatile, it can be wall-mounted vertically and horizontally or suspended from the ceiling. A high quality 24 Watt compact tube powered by an electronic ballast and backed by an aluminium reflector ensures optimum fly control and reduced electricity costs.

H: 25.5cm W: 42.5cm D: 10cm  1.2Kg

Wall-mounted: 50m<sup>2</sup>  Suspended: 50m<sup>2</sup>

Finish:  Stainless Steel  White  Black

**SUNTAB2113** Stainless Steel Each


**BOATABUNI** Replacement Sticky Boards Pack of 3




A

### B SUNBURST® WHITE

Designed for front-of-house areas where fly control should be hidden from view, its elegant and decorative design conceals the glue board and the insects caught. Discreet, stylish and environmentally responsible, the Sunburst is ideal for hotels, restaurants, bars, and retail shops. It is fitted with a powerful 20 watt compact tube and can be used wall mounted or freestanding.

H: 31cm W: 23cm D: 10cm  2 Kg

Wall-mounted: 35m<sup>2</sup>  Freestanding: 35m<sup>2</sup>

Finish:  White


**SUNBST013** White Each




B

### C SUNBURST® SILVER GREY

Designed for front-of-house areas where fly control should be hidden from view, its elegant and decorative design conceals the glue board and the insects caught. Discreet, stylish and environmentally responsible, the Sunburst is ideal for hotels, restaurants, bars, and retail shops. It is fitted with a powerful 20 watt compact tube and can be used wall mounted or freestanding.

H: 31cm W: 23cm D: 10cm  2 Kg

Wall-mounted: 35m<sup>2</sup>  Freestanding: 35m<sup>2</sup>

Finish:  Silver Grey


**SUNBST053** Silver Grey Each




C

### D SUNBURST® BLACK

Designed for front-of-house areas where fly control should be hidden from view, its elegant and decorative design conceals the glue board and the insects caught. Discreet, stylish and environmentally responsible, the Sunburst is ideal for hotels, restaurants, bars, and retail shops. It is fitted with a powerful 20 watt compact tube and can be used wall mounted or freestanding.

H: 31cm W: 23cm D: 10cm  2 Kg

Wall-mounted: 35m<sup>2</sup>  Freestanding: 35m<sup>2</sup>

Finish:  Black

**SUNBST073** Black Each



D



## STICKY BOARDS AND REFLECTOBAKT

**A CHAMELEON® STICKY BOARDS**

A black sticky glue board for use in the Chameleon range, the Mirage PRO VS & ON-TOP PRO models. Dimensions: 43cm x 24.5cm

**A****B YELLOW CHAMELEON® MONITORING STICKY BOARDS**

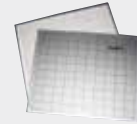
A yellow sticky glue board with a matrix to facilitate insect counting and identification. Suitable for use in the Chameleon® range, the Mirage PRO VS & ON-TOP PRO models. Dimensions: 43cm x 24.5cm

**B**

**BOACHAYEL** Yellow Pack of 6

**C CHAMELEON® 4X4 STICKY BOARDS**

A matrix sticky board for use in the Chameleon® 4x4 units. Dimensions: 60cm x 49.5cm

**C**

**BOA4X4881** Pack of 6

**D SUNBURST® AND SUNDEW® STICKY BOARDS**

A pack of 3 white boards for use in the Sunburst® and SunDew® units. Dimensions: 25cm x 24.5cm.

**D**

**BOATABUNI** Pack of 3

**E CHAMELEON® EXG STICKY BOARDS**

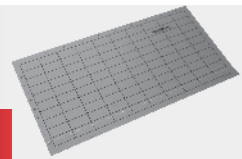
Large surface area matrix glue board for the Chameleon® EXG unit. Dimensions: 60cm x 42cm.

**E**

**BOAEXG883** Pack of 6

**F PESTWEST® LED RANGE STICKY BOARDS**

A dedicated glue board for the PestWest LED range. Grey in colour, with a black grid and a special glue formulation. Dimensions: 48cm x 24.5cm

**F**

**BOACHALED21** Pack of 6

**G PEST WEST® RETROFIT TUBES AND STARTERS COMING MARCH 2024**

LED retrofit tube with LED starter for Cham 1x2, 2x2 and Uplight models, individually packed, outer of 25

**G**

**TUBLEDRT8** Pack of 6

**H PESTWEST LED TUBES**

Need description, cannot find in UK catalogue

**H**

**TUBLED21** Each

## SPECIALIST RANGE

Hazardous and potentially dangerous areas can be difficult if not impossible to protect against flying insect pests. These areas may require units with special safety measures such as high IP ratings and can now be guarded by the PestWest specialist range of fly control units. The units are built to the highest possible specifications and accredited to the ultimate safety certification for electrical equipment. This means that sensitive and often highly dangerous

areas (ATEX zones) can be protected without compromising safety standards or insurance requirements. Included in this range is the Chameleon® EXG. The introduction of this innovative unit means that flying insect control can now be undertaken in ATEX classified zones where there is a high concentration of gases/vapours in the atmosphere.



NEW

## A CHAMELEON® EXG X LED

NEW

Designed for use in potentially explosive atmospheres e.g. sugar refineries, distilleries, flour mills, petrochemical, and pharmaceutical industries. Suitable for zones 22 and 21, high concentration of dust / powder in the atmosphere, and zones 2 and 1, high concentration of gases / vapours in the atmosphere, according to the latest ATEX Directives 99/92/EC and 94/9/EC.

- Two powerful 18-watt Quantum® UV tubes coated with industry compliant FEP fluoropolymer.
- Fully corrosion resistant construction using 304 brushed stainless steel and marine grade aluminium alloy.
- Glass enclosure with excellent UVA light transmission providing an efficient fly control.
- Two large surface area adhesive boards enable a greater catch area and increased efficacy.

 H: 80cm	W: 90cm	D: 30cm	 14.5Kg
 Wall-mounted: 90m <sup>2</sup>			
Finish: <input type="checkbox"/> Stainless Steel and aluminium alloy	Ratings: IP66 		
<b>CHAEXG287</b>			Each
<b>BOAEXG883</b>			Pack of 6



NEW

## B CHAMELEON® SIRIUS X

NEW

The Chameleon® Sirius X retains the beautiful style of the Sirius whilst offering all the advantages of the Quantum® X LED technology: sustainability, excellent flying insect control performance and low running costs. Fitted with two Quantum X shatterproof tubes and the dedicated LED range glue board. Each centrally dividable replacement glue board offers two usages. Available in white or stainless steel.

 H: 19cm	W: 58cm	D: 12cm	 3.1Kg
 Wall-mounted: 50-60m <sup>2</sup>			
Finish: <input type="checkbox"/> White	<input type="checkbox"/> Stainless Steel and aluminium alloy		
<b>CHASRX014</b>	White	Each	
<b>CHASRX114</b>	Stainless Steel	Each	






C

## C CHAMELEON® QUALIS®

The unique Chameleon Qualis fly control system incorporates the latest UV LED tube technology Quantum X, to deliver a whole new level of fly control. Chameleon Qualis features

- Lowest power consumption, consistent with superior attraction
- Environmentally sustainable
- Future-proof technology
- Ultra-slim attractive design
- Full metal construction

 H: 30cm	W: 57.5cm	D: 4cm	 3.1Kg
 Wall-mounted: 90 - 120m <sup>2</sup>			
Finish: <input type="checkbox"/> White Coated Zintec Steel	<input type="checkbox"/> Stainless Steel and aluminium alloy		
<b>CHAQUA014</b>	White	Each	
<b>CHAQUA114</b>	Stainless Steel	Each	






D

## D CHAMELEON® QUALIS IP®

The unique Chameleon Qualis fly control system incorporates the latest UV LED tube technology Quantum X, to deliver a whole new level of fly control. Chameleon Qualis features


- Lowest power consumption, consistent with superior attraction
- Environmentally sustainable
- Future-proof technology
- Ultra-slim attractive design
- Full metal construction


 H: 30cm	W: 57.5cm	D: 4cm	 3.1Kg
 Wall-mounted: 90 - 120m <sup>2</sup>			
Finish: <input type="checkbox"/> White Coated Zintec Steel	<input type="checkbox"/> Stainless Steel and aluminium alloy		
<b>CHAQUAIP66</b>	Stainless Steel	Each	

## SPECIALIST RANGE

**E CHAMELEON® 4X4**

Large capacity sticky trap unit for open industrial areas. Ceiling-suspended with four 40-watt Quantum® tubes coated with industry compliant FEP fluoropolymer backed by Reflectobakt® sleeves to protect over 440m<sup>2</sup>. Advanced electronic ballast for lower running costs.

H: 61.5cm W: 63.5cm D: 16.5cm  12Kg

 Ceiling-suspended: 440m<sup>2</sup>

Finish:  White


**CHA4X4014** 4x4 Industrial Each




D

**F ON TOP PRO X**

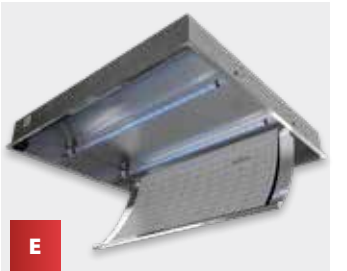
Unique overhead design, to fit discreetly and easily into new or existing suspended-ceilings. Ideal for convenience stores, supermarkets and areas where space limitations may have previously made situating a standard unit difficult. The patented design avoids the possibility of fly fall-out. 2 Quantum® X tubes and one strategically positioned full size LED sticky board.

H: 59cm W: 59cm D: 13cm  6Kg

 Ceiling-suspended: 40m<sup>2</sup> - 50m<sup>2</sup>

Finish:  Stainless Steel

**OTP2XLED** Stainless Steel Each




E

**G CHAMELEON® STELLARIS®**

NEW

Patent pending design maximising the 360° UV output of Quantum® X technology to increase energy savings and reduce consumables with no compromise on fly control performance. Consumes up to 6 times less than equivalent models fitted with fluorescent tubes

H: 42cm W: 59cm D: 16cm  5.7Kg

 Wall-mounted: 180 - 220m<sup>2</sup>

Finish:  White Coated Zintec Steel  Stainless Steel and aluminium alloy

**CHASTE014** White Each


**CHASTE114** Stainless Steel Each




F

**H CHAMELEON® 4X4 EX**

ATEX compliant all stainless steel industrial UV fly trap suitable for use in potentially explosive atmospheres in zone 22 classified areas. The 4x4 EX is a large capacity sticky trap, and also IP65 rated allowing installation in damp, dusty or corrosive environments. Four 40-watt Quantum® tubes coated with industry compliant FEP fluoropolymer backed by Reflectobakt® sleeves and powered by an electronic ballast offer improved performance and lower running costs.

H: 61.5cm W: 63.5cm D: 16.5cm  15.5Kg

 Ceiling-suspended: 440m<sup>2</sup>

Finish:  All Stainless Steel Ratings: IP65


**CHA4X4261** All Stainless Steel Each




G

**I NEMESIS® QUATTRO IP**

The Nemesis Quattro IP24 is an all stainless steel industrial model, which can withstand exposure to high humidity, water splashes and corrosive atmospheres. It is both powerful and energy efficient, featuring new high efficiency UVA tubes powered by a state of the art electronic ballast for optimum fly control performance with low running costs and reduced materials (glass and mercury notably). It is equipped with 'power-on' and high voltage LED indicators, the killing grid is extractable and the front guard can be locked in open position, which all contribute to the overall ease of servicing.

H: 42cm W: 65cm D: 18cm  12Kg

 Wall-mounted: 240m<sup>2</sup>  Ceiling-suspended: 480m<sup>2</sup> Ratings: IP24

Finish:  All Stainless Steel 


**NEMQUA203** All Stainless Steel Each



H

**J TITAN® 200IP**

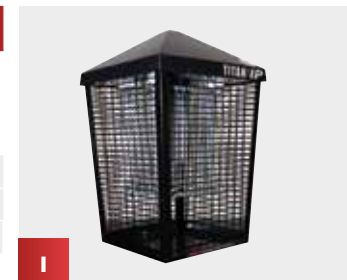
Easy to install and with low running costs this weatherproof design is perfect for the agricultural market and notably on farms with livestock. The Titan 200 IP is robust and powerful with a metal casing and a quality industrial transformer that will efficiently eradicate flying insects for years. Its servicing is quick with easy access to the catch-tray and the highly powerful 20 Watt compact UV tube. Splash-proof rated to IPX4 suitable for farm conditions. All-around and environmentally responsible insect attraction with no pesticide and no risk of chemical resistance.

H: 47cm W: 30cm D: 30cm  5Kg

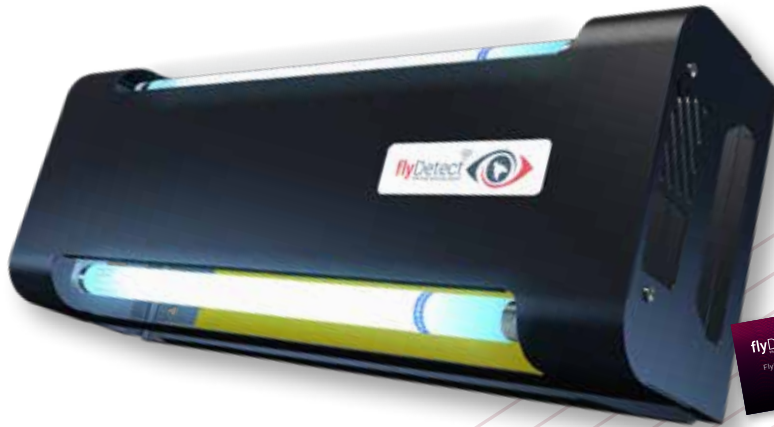
 Wall-mounted: 160m<sup>2</sup>  Ceiling-suspended: 160m<sup>2</sup>

Finish:  Black

**TIT200181** Black Each



I



## Flying insect control meets remote monitoring

flyDetect® is a unique remote monitoring system with a built-in camera linked to a dedicated online web & mobile app. Now you can view all your flyDetect® traps without even being on site! The wide-angle camera on the trap captures images of the entire sticky board, delivering full assessments in real time to wherever you are. The permanent 24/7 monitoring system is constantly working for you, alerting you only when necessary.

flyDetect® from PestWest®, the industry leader in online flying insect monitoring.

- 24/7 remote monitoring system.
- Immediate notification of emerging pest infestations.
- Customisable alert levels.
- Built-in high resolution camera captures the entire sticky board.
- Set up and monitor multiple clients.
- Temperature and humidity are recorded alongside each image.
- Scheduled UV-A tube and sticky board change notifications.
- Multiple connectivity options (Wifi, Ethernet and Cellular).
- The flyDetect® app is available on multiple platforms (smartphones and computers).

### DIMENSIONS

H: 22cm W: 59.5cm D: 15cm

### WEIGHT

4.5kg

### COVERAGE

Wall mounted/ Ceiling-suspended: 70m<sup>2</sup>

### FINISH

Black 

### TUBE DATA

- 2 x 15-Watt PestWest Quantum® tubes
- Shatterproof coating with industry compliant FEP
- Reflectobakt® technology

**Each purchase of a machine includes a 1 year use voucher. Further vouchers can be purchased to extend use beyond 1 year.**



Scan the QR Code to see the flyDetect video

FLYDET074	flyDetect Unit	
BOAFLYDET	Pack of 6 boards	
FLYDETECT1YEAR	1 year use voucher	
FLYDETECT10YEAR	10 year use voucher	

**PROVEN CONSISTENT QUALITY, PERFORMANCE & RELIABILITY**

## WHY CHOOSE QUANTUM® UV-TUBES FOR YOUR FLY CONTROL UNITS?

Spectral distribution ensures the highest UVA output at the appropriate wavelengths

- UVA light emission concentrated at around 365nm - the optimum wavelength to attract pest flies

**Environmentally responsible and RoHS compliant**

- 100% lead-free construction

- guaranteed lowest mercury levels consistent with optimum performance
- manufacturing process using water-based phosphor technology


**Maintained high UVA output**

- special phosphor mix results in slower reduction of UVA-light output

**Maximum safety with industry compliant FEP shatterproof coating**



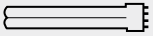


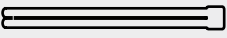


**Made in EU (applies to all linear tubes)**

**QUANTUM® SHATTERPROOF TUBES TO BS EN 61549**

	CODE (FOR SINGLE TUBE)		
	TUB15W490	Quantum® 15W straight 18" shatterproof coated	Each (Box quantities of 25)
	TUB18W492	Quantum® 18W straight 24" shatterproof coated	Each (Box quantities of 25)
	TUB20W512	Quantum® 20W straight 24" shatterproof coated	Each (Box quantities of 25)
	TUB25W490	Quantum® 25W straight 18" shatterproof coated	Each (Box quantities of 25)
	TUB40W512	Quantum® 40W straight 24" shatterproof coated	Each (Box quantities of 25)
	TUB15W467	Quantum® 15W straight 12" shatterproof coated	Each (Box quantities of 25)
	TUB14W471	Quantum® 14W straight 21" shatterproof coated	Each (Box quantities of 25)

**DUE TO THE WEEE DIRECTIVE, THERE ARE ADDITIONAL CHARGES PER TUBE.**

**OTHER SHATTERPROOF UV TUBES**

	CODE (FOR SINGLE TUBE)		
	TUB06W605	6W straight 9" shatterproof	Each (Box quantities of 25)
	TUB08W607	8W straight 12" shatterproof	Each (Box quantities of 25)
	TUB11W522	11W lynx shatterproof	Each (Box quantities of 10)
	TUB18W522	18W lynx shatterproof	Each (Box quantities of 10)
	TUB24W522	24W compact shatterproof	Each (Box quantities of 10)
	TUB22W517	22W circline shatterproof	Each (Box quantities of 12)
	TUB25W524	25W tight bend U shatterproof	Each (Box quantities of 10)
	TUB36W526	36W lynx shatterproof	Each (Box quantities of 10)
	TUB20W459	20W compact shatterproof	Each (Box quantities of 10)
	TUB13WE27SH	13W tight bend U shatterproof	Each (Box quantities of 20)
diagram needed	TUBELED21	LED retrofit with LED starter	info needed

**DUE TO THE WEEE DIRECTIVE, THERE ARE ADDITIONAL CHARGES PER TUBE.**

Killgerm Ireland is a part of the Producer Compliance Scheme WEEE Ireland. It facilitates the collection, treatment, recovery and sound disposal of gas discharge lamps and other electrical equipment. WEEE charges have been applied to our range of tubes and the price shown includes this charge.



## ACCESSORIES

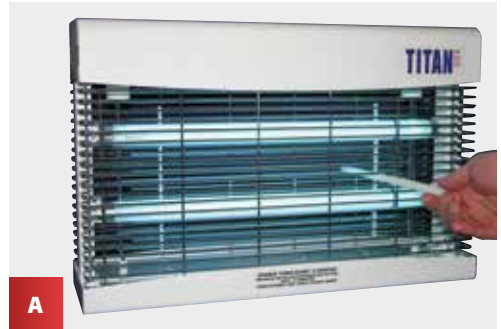
**A GRID TESTER**

Test the killing grid on your electronic fly control unit the safe way, using the insulated "Grid Tester". Made from a non-conductive material with a metal testing button in the end, this useful tool will allow you to test the killing grid without shorting the high tension current onto the metal body of the machine, as often happens when using a conventional screwdriver.

GRIDTEST

Each

A

**B UNIVERSAL STICKY BOARDS**

Replacement sticky boards for most Brandenburg models, including the Cobra.  
Dimensions: 10.2cm x 42cm

BOADBUNI

Pack of 15

B

**C STARTERS**

Replacement starter cartridges. Suitable for all current PestWest® units that require a starter.

ESTSIN111

FS11 (for units with single tube circuits)

Each

ESTSER151

FS22 (For all PestWest units and most other EFks)

Each

C

**D UVA METER**

The UV-A Meter uses a series of LED lights to measure UVA light, which is invisible to the human eye. It can quickly and clearly show either:

The condition and quality of the UV output of the existing fluorescent tubes in a fly trap, showing whether they are working at peak performance, in need of replacement or beyond useful life. This is particularly important as not all manufacturers' UV tubes maintain adequate performance throughout their one year life and some shatterproof tube coatings will significantly reduce UVA output. Can be used as an effective and valuable tool to measure and assess the amount of ambient UV light. The UV-A Meter can be used to locate the best position for siting of a new UV fly trap. The sturdily constructed UV-A Meter is designed with the user in mind. The size of a mobile phone, it can be carried around conveniently and also has a lanyard facility for ease of use when in awkward situations e.g. at the top of ladders. **Please note the product will only work with fluorescent tubes, not LED ones.**

UVAMETERRED

Each

D





# What is ULV?

## THE WORLD HEALTH ORGANISATION DEFINES ULV AS FOLLOWS:

"Ultra Low Volume spraying utilises the minimum volume of insecticidal formulation required to produce the desired biological effect with maximum economy" Using special formulations, applied through dedicated application equipment, ULV programmes achieve this.

## HOW DOES ULV WORK?

Liquids are passed through a specially designed unit, which generates an airborne mist of droplets. These droplets diffuse through the treated area and settle out onto surfaces, meaning that the material used will be active both as a space spray and a surface spray.

The key to successful use of ULV is the production of an optimum size of spray droplet. It must be small enough to remain airborne without being too small to hit the target – research has shown the optimum droplet size to be around 15 microns.

## ULV PRODUCTS

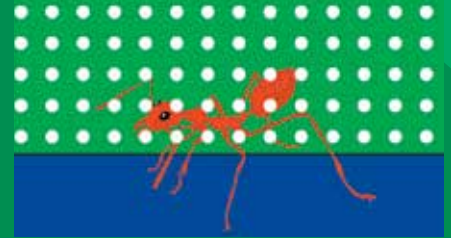
### VAZOR ULV 500



### PX-ULV ODOURCID



### PX-ULV DISINFECTANT



These droplets are small enough to be carried on air currents into small cracks and crevices that are hard to reach using conventional treatments, yet still heavy enough to settle out within an hour, so that treated areas can be re-entered with the minimum of delay.



The majority of droplets in a thermal fog are too small (less than 5 microns) to impinge upon the target (being unable to overcome the 'air curtain' around it).



Conventional sprays produce large droplets (over 80 microns) that quickly fall out of the air and carry a high concentration of liquid that often leaves an unsightly deposit or unpleasant odour.



# exodus®

# Exodus® ULV System...

## WITH A UNIQUE PROGRAMMABLE TIMER

### WHAT ARE THE KEY BENEFITS OF THE EXODUS® SYSTEM?

**Optimum droplet size** – research has shown that for public health use, ULV applicators should produce over 90% of their droplets at under 50 microns with the VMD (volume median diameter) being between 10 and 15 microns.

Independent tests carried out at Imperial College, London proved that the Exodus 8/24 produced over 98% of its droplets at under 40 microns with a VMD of between 12.7 and 13.3 microns for kerosene based products and 17.5 microns for water based products.

As it operates at optimum droplet size, less ULV product is required to achieve the desired biological effect compared to other less efficient techniques.

Economical – save money on product and treatment times.

Robust construction – the robust construction of the Exodus ensures a trouble free operation.

Shorter re-entry times – optimum droplet size ensures that the product will settle within an hour, so that treated areas can be re-entered sooner causing the minimum amount of disruption and down-time.

Versatile – the system can be used against a wide range of insects and micro-organisms in a variety of situations. Interchangeable bottles of products mean that there is a minimum wastage of chemical.

### WHAT ARE THE BENEFITS OF THE UNIQUE TIMER SYSTEM?

Units fitted with the specially developed timer system have three advantages.

The first is that they can be set up during the day and operate "out of hours" when personnel do not have to be present, saving both time and money.

The digital timers are so accurate that they can be set to treat the designated area each day for between 2 seconds and 29 minutes at a time, depending on need.

The second is that, by using the timer instead of the manual control, very accurate dosing rates can be achieved by operators.

The third is that operators may set up the unit wearing normal uniforms before retiring from the room, thereby avoiding the need to wear full protective clothing, which may worry some customers.

### HOW MUCH DOES USING AN EXODUS® ULV COST?

ULV formulations are concentrated chemicals. Because of the small droplet size and rapid dispersal of the spray cloud, very little is actually required. For example, a room that is 5m x 8m x 2.5m high (100m<sup>3</sup>) will require 10ml of a typical ULV formulation, which will take only 17 seconds to apply with the Exodus. The cost: a mere 81p in materials. The figures speak for themselves.

THE RANGE OF AREAS SUITABLE FOR ULV APPLICATION IS HUGE. HERE ARE SOME SUGGESTIONS –

- Domestic & Commercial areas
- Waste Handling
- Food preparation areas
- Vehicles
- Warehouses and storage facilities
- Animal husbandry
- Aircraft

ULV SYSTEMS...

- Economical
- Versatile
- Fast and efficient
- Short re-entry times
- Low environmental impact
- For disinfection
- For deodorisation
- For insect control



A



#### A EXODUS® ULV SYSTEM

Please note 110 volt version is available

EXODUS073	220v	
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#### B EXODUS® CARRY BAG

A heavy duty padded bag shoulder strap and full zip-away flap.

EXODUSBAG	Each	
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B



## SURFACE SPRAYING EQUIPMENT



### A GLORIA PNEUMATIC 5 LITRE GALVANISED SPRAYER

- High quality steel tank sprayer with a plastic internal liner protective coating.
- Maximum capacity is 8 litres and the usable spraying capacity is 5 litres. The unit is fitted with Nitrile seals.
  - Maximum operating pressure is 6 bar. The sprayer is fitted with a powerful brass pump, brass trigger valve, brass lance and pressure gauge.
  - The spray tip is customised for optimum performance for pest control applications.
  - To protect against blockage by foreign objects/particles, the sprayer is supplied with a filler funnel filter and fitted with coarse and fine in line filters.
  - The hose length is 1.35 metres and the standard spray lance length is 0.5m.
  - There is an integrated pressure release and pressure safety valve.
  - The sprayer is fitted with a base ring to aid stability and a useful storage compartment that can hold spare spray tips, o rings etc.
  - Supplied with a shoulder carry strap.

<b>GLOJNGALV</b>	Each	
<b>00-900/CR</b>	Crack and crevice nozzle for Gloria 5 litre & No. 89 sprayers	
<b>704050</b>	Variable spray nozzle for Gloria 5 litre sprayer	
<b>00-900/02</b>	Flat fan nozzle for Gloria 5 litre sprayer	

### B GLORIA PNEUMATIC 5 LITRE STAINLESS STEEL SPRAYER

- A high quality, non-corroding, stainless steel tank sprayer.
- Maximum capacity is 8 litres and the usable spraying capacity is 5 litres. The unit is fitted with nitrile seals.
  - Maximum operating pressure is 6 bar. The sprayer is fitted with a powerful brass pump, brass trigger valve, brass lance and pressure gauge.
  - The spray tip is customised for optimum performance for pest control applications.
  - To protect against blockage by foreign objects/particles, the sprayer is supplied with a filler funnel filter and fitted with coarse and fine in line filters.
  - The hose length is 1.35 metres and the standard spray lance length is 0.5m.
  - There is an integrated pressure release and pressure safety valve.
  - The sprayer is fitted with a base ring to aid stability and a useful storage compartment that can hold spare spray tips, o rings etc.
  - Supplied with a shoulder carry strap.

<b>GLOJNSTST</b>	Each	
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### EXTENSION LANCE

Telescopic Lance 1-2 metres for Gloria 5 litre sprayers.

<b>132-0000</b>	Each	
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### C 2 BAR GLORIA PRESSURE REGULATOR

A 2 bar pressure regulator valve designed to fit the Gloria range of sprayers. The regulator fits between the standard trigger valve and spray lance. The regulator allows the spray output to be accurately controlled by reducing output if the tank pressure is too high and cutting off the flow altogether if tank pressure falls too low. This reduces the risk of over or under spraying.

<b>GLO2BARBLU</b>	Each	
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### E GLORIA NO. 89 SPRAYER

- The ever popular 1.0 litre (gross capacity 1.45 litre) sprayer.
- The maximum operating pressure is 3.0 bar and the sprayer is fitted with an integrated pressure safety valve.
  - Supplied with an adjustable spray nozzle that gives a variable spray pattern from a hollow cone to a fine jet. The spray nozzle head is fully adjustable on a swivel fitting.
  - The filler aperture is a large diameter for ease of use and the stability of the conical shape is further enhanced by a protective base ring.
  - The sprayer is fitted with Viton seals, weighs 0.75kg and the dimensions are 29.5cm high, 18 cm wide and 16.5 cm deep.

<b>GLO89SPRA</b>	Each	
<b>725800</b>	Seal Kit Each	
<b>726143</b>	Viton seal kit Each	
<b>00-900/CR</b>	Crack and crevice nozzle Each	

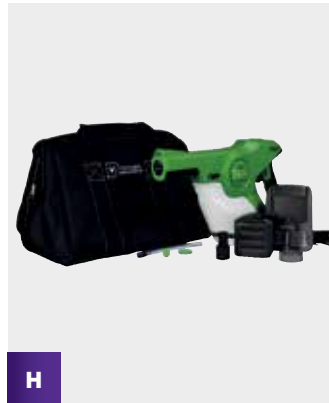
## SURFACE SPRAYING EQUIPMENT



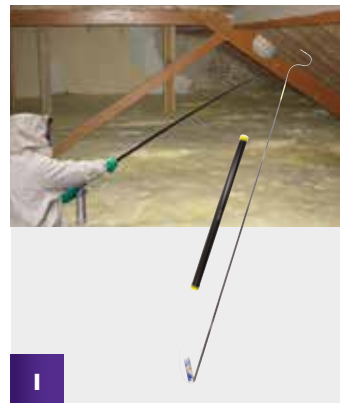
F



G



H



I

## F IK MULTI 1 LITRE SPRAYER

The IK MULTI 1.5 sprayer offers a professional spraying solution to achieve optimum results in a wide range of situations. The IK MULTI 1.5 is designed for maximum strength and versatility with the most aggressive chemicals. Supplied with an adjustable nozzle and fan nozzles, other features:

- Safety valve with depressurisation option
- Protective sleeve for valve chamber
- Large opening for easy filling
- Translucent tank with level indicator

IK1.5LSPRAYER

Each

## G IK9 - PC SPRAYER

A lightweight sprayer with polypropylene tank featuring

- Pressure regulator
- Viton seals
- Directional lance
- Safety valve
- Cone nozzle & flat fan tip

IK9SPRAYE

6 litre sprayer

## H ELECTROSTATIC HAND-HELD SPRAYER

An electrostatic sprayer designed to positively charge any solution sprayed through it. The sprayer electrostatically wraps any solution around objects to provide a 360 degree coating. The sprayer applies up to 65% less solution in comparison to a conventional sprayer. Spray is applied over 300x quicker than a conventional sprayer. Battery powered, Key Features:

- Patented electrostatic charge penetrates chemical providing a thin even spray pattern on all surfaces.
- Weighs only 2.5kg with a full tank.
- Cordless convenience allows for effortless movement room to room.
- 3-in-1 nozzle lets you set the spray particle size to match the application.
- 1 litre refillable tank.
- Victory 16.8v Lithium-Ion battery allows you to run between 20-80 tanks on a single charge.
- Optimum Spray Distance: 2 - 4 feet
- Run Time: 4 hours
- Charge Time: 1.5 hours
- Nozzle Sizes: 40 Micron full cone, 80 Micron full cone, 110 Micron fan

ELECTSPRAYER

Each

## I AEROSOL 3

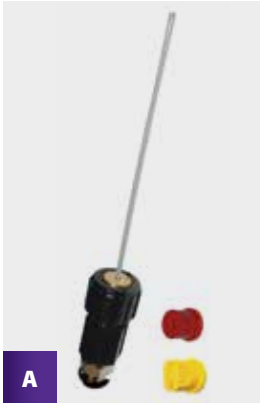
Aerosol 3 is a 3.25m adjustable telescopic lance that attaches to aerosol products such as Digrain Wasp & Hornet Nest Destroyer, Bayer Flying & Bayer Crawling.

- Designed specifically for closer range precision treatment ideal for attics and confined areas.
- Lance has adjustable length of 1 m to 3.25 m.
- Reduces time taken to treat nests.
- Useful in unfloored attics, eliminating the need for walking boards.
- Stores in to a compact 1.3 m long PVC Protective Carry Tube.

AEROSOL3

Each

## FOGGING EQUIPMENT



A



B



C



D



E

**A AEROSOL 3 NOZZLE KIT**

To attach to the Aerosol 3 unit when using with standard aerosols. The nozzle kit includes a crack and crevice nozzle, flat fan spray tip, and a cone spray tip.

**AEROSOL3NOZKIT**

Each

**B U240 FOGGER**

The U240 Airofog professional cold fogger is a mains powered portable ULV applicator, with a simple variable flow control and finger operated dial. The U240 has a fogging distance of approximately 12 meters and produces droplets in the 15-30um range. Supplied with a carrying strap, a range of dosage nozzles, service kit and fitted with a 5 meter cable with UK plug. Can be used with oil and water based products.

- Precise controlled fog particle size for maximum efficiency
- Compact ergonomic design
- Separate filling aperture with wide neck for ease of use
- 5L graduated translucent solution tank
- Designed for professional use

**U240FOGGER**

Each

**C U260 FOGGER**

The U260 Airofog professional cold fogger is a mains powered portable ULV applicator. It has an extendable hose with a simple variable flow control and finger operated dial that allows fogging to be carried out in difficult areas. The U260 has a fogging distance of approximately 12 meters and produces droplets in the 15-30um range. Supplied with a carrying strap, a range of dosage nozzles, service kit and fitted with a 5 meter cable with UK plug. Can be used with oil and water based products.

- Precise controlled fog particle size for maximum efficiency
- Compact ergonomic design
- Separate filling aperture with wide neck for ease of use
- 5L graduated translucent solution tank
- Designed for professional use

**U260FOGGER**

Each

**D AIROSTAR BATTERY FOGGER**

The AiROSTAR, battery powered ULV Fogging Machine is ideal for use in areas where access to mains power is limited. Fitted with an extendable hose with a simple variable flow control and finger operated dial that allows fogging to be carried out in difficult areas. The powerful 11.6 AH li-ion battery enables the AiROSTAR to run continuously for approximately 1 hour with a charging time of 4.5 hours. The AiROSTAR has a fogging distance of approximately 11 meters and produces droplets in the 15-30um range. Supplied with a carrying strap, a range of dosage nozzles and service kit. Can be used with oil and water based products.

- Precise controlled fog particle size for maximum efficiency
- Compact ergonomic design
- Separate filling aperture for ease of use
- 5L graduated translucent solution tank
- Designed for professional use

**AIROSTARFOG**

Each

**E CIFARELLI M1200 POWERED KNAPSACK MISTER BLOWER**

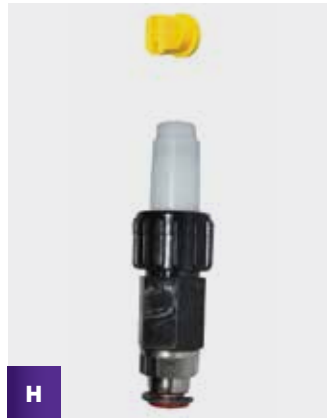
The M1200 is equipped with a well proven powerful 5 horse power C.7 two-stroke engine. The high performance large diameter fan has an air displacement up to 20 cubic metres per minute, at speeds of up to 280 mph, a variable flow control from 0-4 litres per minute and an effective reach up to 17 metres in calm weather conditions. The M1200 makes an ideal spray applicator for fungicides and insecticides at low volume spray applications where access to the target is limited. By removing two plugs from within the spray tank and installing two outlet pipes the machine is quickly converted from a mistblower to a powder duster. The machine includes a well-padded back support and harness to maximise operator comfort. Typical application – spraying fungicide and insecticide in soft fruit trees/bushes, fruit and salad crops under glass and polythene. Application of disinfectant in and around ventilated buildings, eg poultry houses etc, and autumn leaf blowing.

**CIFARELLIM1200**



## T8 FOR LIQUID SPRAYING.

## DUSTING EQUIPMENT



WHEN INITIALLY LAUNCHED THE T8D'S MAIN USE WAS FOR DUSTING. THE PRODUCT CAN NOW BE USED FOR LIQUID SPRAYING. THE PRODUCT CAN BE CONNECTED TO GLORIA SPRAYERS USING THE M11 ADAPTOR.

## F T8 S LIQUID CONVERSION KIT

For customers who already own a T8 Dusting Lance (formerly XL8 Dusting Lance). The T8 S Liquid Conversion Kit enables users to convert their existing lance to liquid spraying. All the necessary components are included in the kit. The kit is designed to store inside the spare tube of the T8 Carry case, keeping everything in one convenient case. Supplied with a universal adaptor for use with a wide range of sprayers.

Specification:

- 1 x Pole Section 7 (Tip)
- 1 x Flexi-Tip Kit
- 1 x Compression Fitting 6 mm
- 1 x Hose Kit (Main 8m Hose)
- 1 x Adjustable Cone Spray Nozzle
- 1 x Yellow Flat Fan Spray Tip

**T8SLIKIT**

Each

## G T8 D EXTENSION

The original extension, which needs a separate T8 S Nozzle Kit for use with liquids.

**T8DEXTENSION**

Each

## H T8 S NOZZLE KIT

A push fit fully adjustable cone nozzle that attaches to the T8 D to allow liquid spraying to a working height of 8m. Also supplied with a flat fan nozzle tip.

**T8SLIQNOZ**

Each

## DUSTING EQUIPMENT

## I DR5 DUSTER

A 5-8 lbs (2kg-4kg) capacity polythene tank duster incorporating a pump which enables the operator to pressurise the duster without an external power source. Pressure relief valve included, maximum operating pressure 3 Bar. Also available is a special tool that enables easy installation of the brass dip tube after routine maintenance and cleaning

**DR5DUSTER**

Each

**DR5TOOL**

Each



## DUSTING EQUIPMENT



## A AR8 PRO KIT

A telescopic dusting lance with a working height of 8m. Powered by a 1 litre stainless steel refillable pressure tank which is easily pumped up before use (approximately 25 pump actions required to reach 6 Bar pressure using a common stirrup pump). Supplied with a 35cm flexible nozzle allowing precision application. Can also be filled using a battery powered vehicle tyre inflator pump. Product Description:

- Long and light allowing precision dusting at height.
- Lance is adjustable for working heights between 2m to 8m.
- Reduces time taken to treat nests.
- Reduces the need for access equipment and the risk of injuries due to the elimination of ladder use.
- Reduces risk of stings when treating large or difficult nests that have been disturbed.
- Environmentally friendly, no empty gas cylinders to dispose of.
- Quick and easy to assemble.
- Allows lance to be operated at optimum 6 bar pressure for precision application.

## Specification:

- 7 sections, powder chamber and flexible nozzle = 7.15m (to tank connector 8m).
- Lance stores in a compact 1.3m Heavy Duty Carry Case. (lance weight 1.16kg)
- Refillable 1L Stainless Steel compression tank (weight 0.9kg)
- 35cm flexible nozzle is easily bent to the required angle.
- No dust blockages - no powder enters the main tubing system so dust blockages cannot occur here.

AR8PROKIT

Each

## B AR3 PRO KIT

A telescopic dusting lance with a working height of 3.15m, designed for close range treatments e.g. of indoor use in attics. Powered by a 1 litre stainless steel refillable pressure tank which is easily pumped up before use (approximately 25 pump actions required to reach 6 Bar pressure using a common stirrup pump). Supplied with a 35cm flexible nozzle allowing precision application. Can also be filled using a battery powered vehicle tyre inflator pump.

Product Description:

- Designed for close range treatments e.g. Inside attics or wasp nests located in air vents etc.
- Useful when treating wasp nests in unfloored attics.
- Environmentally friendly, no empty gas cylinders to dispose of.
- Quick and easy to assemble.
- High quality 1 litre refillable stainless steel compression tank easily pressurised.
- Allows lance to be operated at optimum control pressure of 6 bar for precision application.

## Specification:

- 3 sections, plus powder chamber and flexible nozzle = 3.15m.
- Lance stores in a compact 1.25m tough carry tube. (lance + powder chamber combined weight 390g)
- Refillable 1L Stainless Steel compression tank (weight 0.9kg)
- 35cm flexible nozzle is easily bent to the required angle.
- No dust blockages -no powder enters the main tubing system so dust blockages cannot occur here.

AR3PROKIT

Each

## C DR5 MINI FLEX TIP

A flexible dusting tool for use with the DR5 Duster and extension lances for difficult to reach spots.

- 50cm flexible length
- 6mm diameter
- Compact, tough and light allowing precision dusting
- Can be bent to almost any shape to allow easy access to restricted areas

DR5FLEXTIP

Each

## D DUSTICK

**Features:** Heavy duty brass pump; assembles and dismantles in seconds; comes with heavy duty canvas case; adjusts from 2ft. to 18ft. (0.61m to 3.66m) in 4ft (1.22m) sections.

**Benefits:** Minimises use of ladders; less risk of injury; reaches the spots you can't reach even with a ladder.

Use with insecticidal dust.

DUSTICK

Each

## DUSTING EQUIPMENT

**E T8D EXTENSION FOR DR5 DUSTER**

Long reach 8 metre telescopic extension lance. The ultimate kit for treating wasp nests! Long and light allowing precision dusting at height

- Lance is adjustable at lengths from 1.5m to 8m
- Reduces time taken to treat difficult to reach wasp nests
- Reduces risk of stings when treating large or difficult nests that have been disturbed
- Reduces the need for using access equipment and the risk of injuries due to elimination of ladder use
- T8 D will ensure compliance with the Working at heights (2005) regulations

## Specification

- Telescopic fibre glass lance range from 1.5m to 8m
- 7 sections
- Stores into a compact 1.3m long protector case
- Overall weight of 1.5 kg
- Long flexible tip is easily bent to the required angle
- 10 cm Hi-Viz yellow sight tip

**T8D EXTENSION**

Each

**T8D BLOCK TOOL**

Unblocking Tool

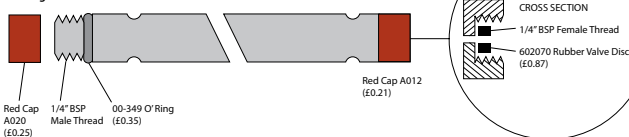
**F ALUMINIUM EXTENSION LANCES**

2 different sized rigid aluminium extension lances for use with the DR5 Duster, PA2 Powder Applicator and GPS Gaspot.

**04-615**

1.5m rigid aluminium lance

O-rings for aluminium extension lances

**G LANCE CARRY CASE**

A sturdy carry case that can be used to safely transport aluminium extension lances.

**LANCECASE**

Each

**H STABILISER LANCE SIDE-HANDLE ATTACHMENT**

For use with the GPS Gaspot (supplied as standard with each unit) DR5 Duster and Dustick. Enables pinpoint accuracy. Ensures maximum control.

**PAS011**

Each

**I JOINT SUPPORT BRACKET**

This bracket helps to support extension lances when joined together.

**PAS019**

Each

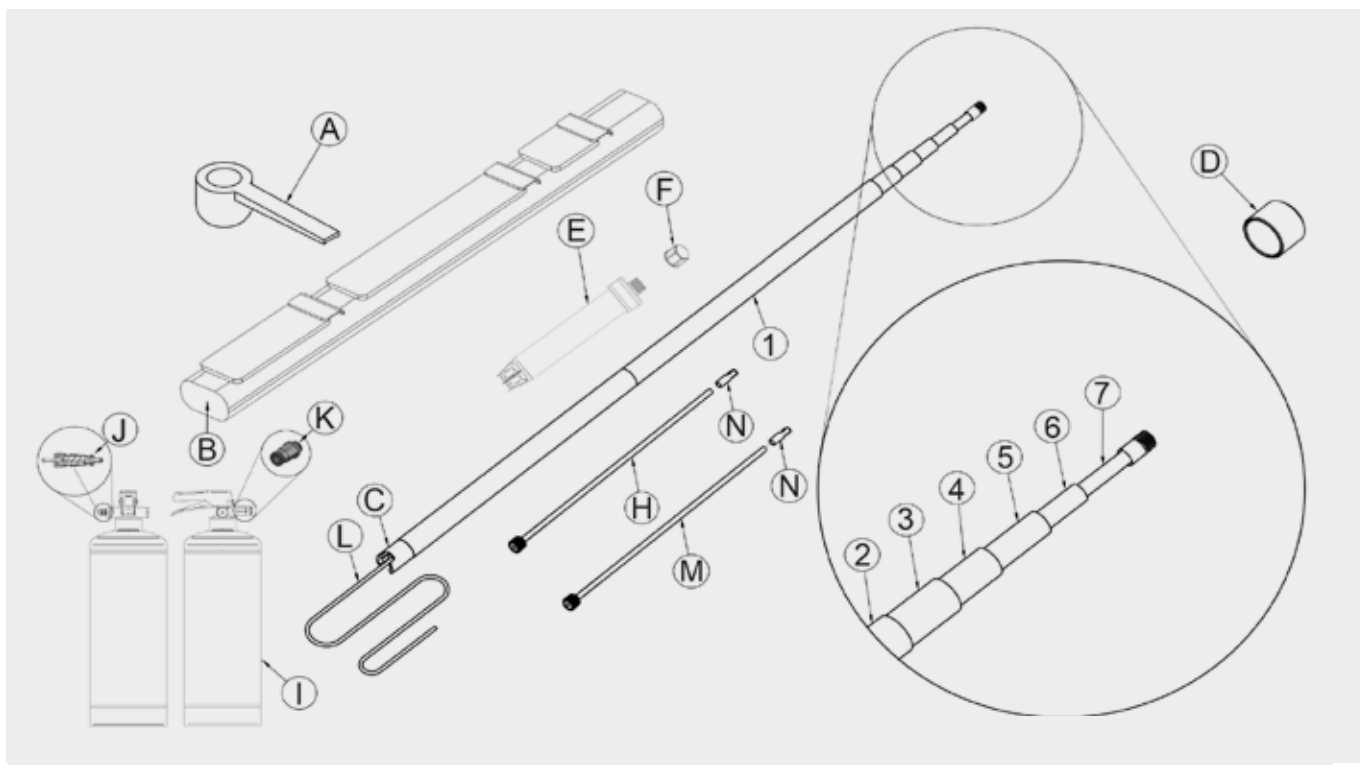
**J AR BULB DUSTER KIT**

The AR Bulb Duster is a hand duster where the dust is placed in a powder chamber separate from the hand pump. Dust is expelled through a flexible extension pipe by squeezing the hand-held air bulb which attaches to the powder chamber. It has the advantage of the 30cm flexible stay put nozzle of the AR 8 system, and comes supplied with a push fit nozzle for accessing cracks & crevices. The insulated plastic tip enables it to be used for dusting electrical sockets & appliances etc. This is a very useful tool for anyone involved in bed bug treatments.

**ARBULB-KIT**

Each

## AR8 PRO KIT PARTS LIST



## COMPONENT PARTS

KEY	REPLACEMENT PARTS / COMPONENT DESCRIPTION	PART #	PRICE
1	Replacement Pole Section 1 (Base)	AR8-01	
2	Replacement Pole Section 2	AR8-02	
3	Replacement Pole Section 3	AR8-03	
4	Replacement Pole Section 4	AR8-04	
5	Replacement Pole Section 5	ARP-09	
6	Replacement Pole Section 6	ARP-10	
7	Replacement Pole Section 7 (Top)	ARP-11	
A	5g Powder Scoop	PSC00P-01	
B	Heavy Duty Carry Case (Bag only without tubes)	AR38-11	
C	Rubber End Foot	AR8-14	
D	End Cap	AR8-18	
E, F	Replacement Powder Chamber (Inc 1 x cap)	ARP-01	
H, N	Flexible Nozzle Kit - Standard tube size (8 mm Diameter x 35 cm)	ARP-03	
I	1L Stainless Steel Pressure Tank	ARP-05	
J	Inflator valve inner core (Inc fitting tool)	ARP-06	
K	6 mm Compression rush fit outlet valve	ARP-07	
F, N	Powder Chamber and tip cap (2 pcs)	ARP-08	
L	AR 8 Pro Replacement hose Kit (8m)	ARP8-01	

**PLEASE NOTE THE ABOVE DIAGRAM IS FOR THE NEW AR8 PRO KIT VERSION.**

**FOR OLDER PRE 2019 AR8'S PLEASE CONTACT THE KILLGERM® CUSTOMER SERVICE TEAM.**

## DR5 DUSTER

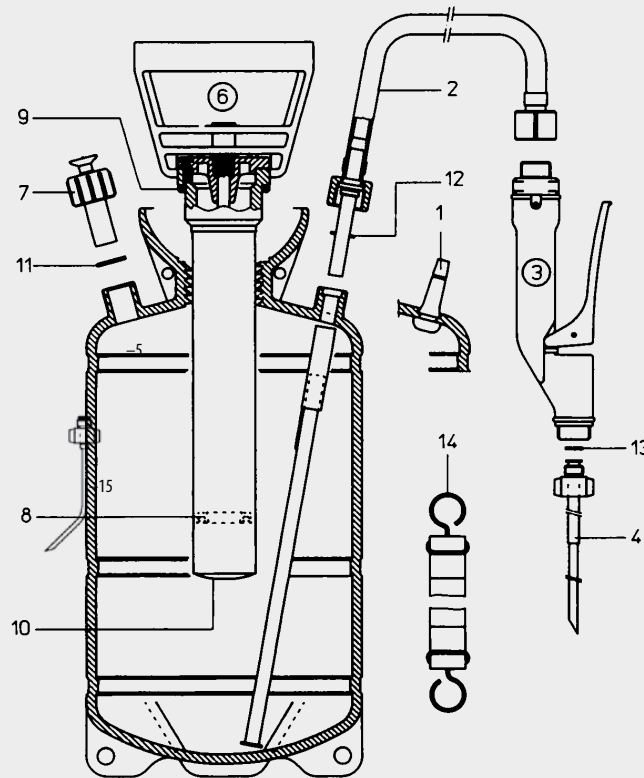
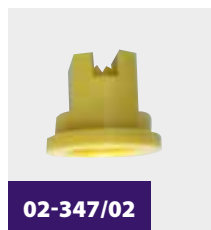


FIG. NO.	DESCRIPTION	PART NO.	PRICE
1	Valve	50137531	
2	Hose complete	11478202	
3	Control valve complete	10495007A	
4	Brass wand	11422101	
5	Wand connector	11341801	
6	Pump complete	11906301	
7	Pressure relief valve 3 bar	11617901	
*	Gasket set	11629801	
Parts marked with an asterisk only included in this set.			
8*	Sleeve (Pack of 6)	11642701	
9*	O-ring 50.16 x 5.34		
10*	Valve gasket		
11*	Gasket 21/15.4 x 2		
12*	Gasket 15/5.5 x 2		
13*	Gasket 11.9/7 x 1		
14	Shoulder-strap	10453601	
15	Crack & crevice tip	11435001	
	DR5 Maintenance Tool	DR5TOOL	

### GLORIA 5 LITRE PARTS LIST

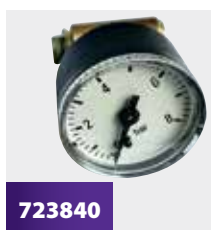
PART #	DESCRIPTION	PRICE
710240	Pump Assembly Complete	
707270	Complete Seal Kit	
707340	Trigger Valve Complete	
701310	Lance tube with washer	
00-605/OR-G	Hose complete with ends	
704050	Variable Spray Nozzle	
00-900/02	Flat Fan Nozzle	
02-347/02	Flat Fan Yellow Tip	
00-900/CR	Crack & Crevice Nozzle	
723840	Pressure Gauge	



02-347/02



00-900/CR



723840



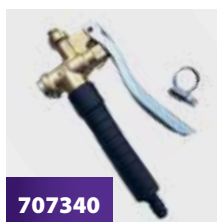
00-900/02



710240



707270



707340



701310



00-605



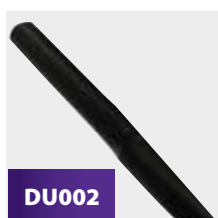
704050

### DUSTICK PARTS LIST

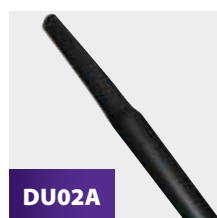
PART #	DESCRIPTION	PRICE
DU001	Zippered Canvas Carrying Bag	
DU002	4ft Aluminium Extruded Extension (black lance)	
DU02A	4ft Aluminium Extruded Extension with button (blue lance)	
DU003	Dust Canister (complete assembly)	
DU004	Brass pump (supplied with adaptor)	
DU007	Dust Canister Nozzle	
DU008	Rubber Stopper (Old version supplied pre June 2017)	
DU009	Pump Seal Kit	
DU013	Dust Nozzle Cap	
DU016	Black Canister Cap (New version supplied post June 2017)	
DU017	Bronze Compression Nut (New version supplied post June 2017)	
DUSTNOZSET	Dustick Nozzle Set	



DU001



DU002



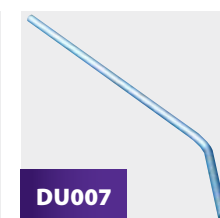
DU02A



DU003



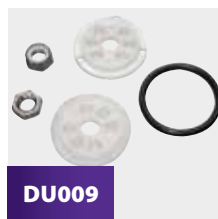
DU004



DU007



DU008



DU009



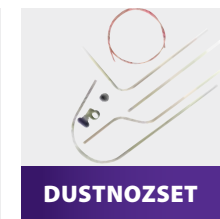
DU013



DU016

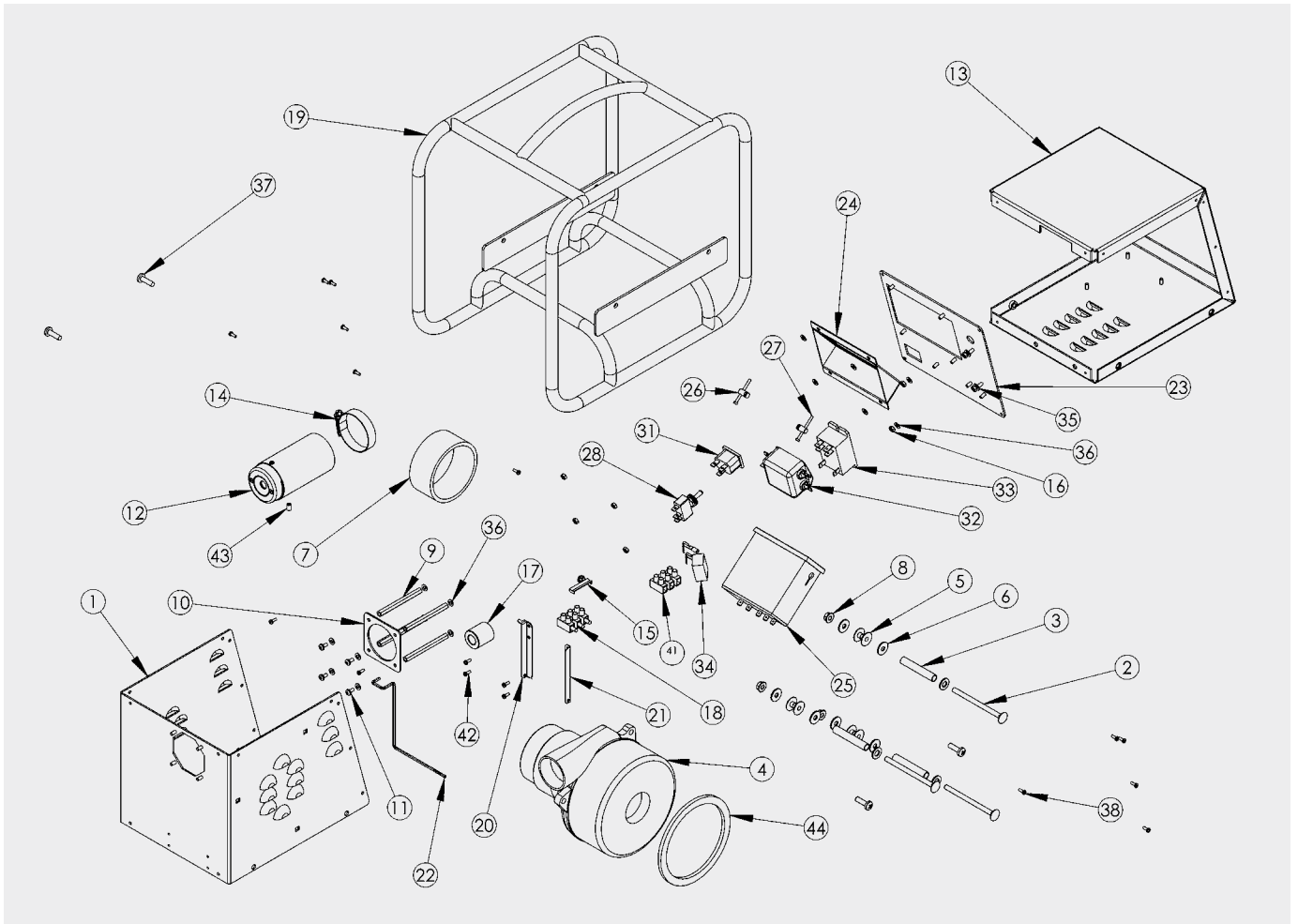


DU017



DUSTNOZSET

## EXODUS® PARTS DIAGRAM



COMPONENTS LIST			
KEY	DESCRIPTION	PART #	QTY
1	Front Panel	MEXDFRNTP	1
2	Coach Bolt M6 X 90Mm	FSC6901	3
3	Spacer 57.5Mm	MEXDSPACER	3
4	Motor Assembly	EEXDMOTOR230	1
5	Shoulder Washer Nylon	WASHNYLSHLDR	6
6	M6 Washer 18Mm Od St.st	FWA607	6
7	Motor Hose	PEXDMTRHOSE	1
8	M6 Flange Nut	FFN609	3
9	M4 X 75Mm Stand Off	STDOFFM4X75PLD	4
10	Nozzle Plate	MEXDNOZP	1
11	M4 X 8Mm Pozi Pan Screw St.st	FSC4201	4
12	Nozzle Assembly	ANOZLEEXD	1
13	Rear Panel	MEDREARP	1
14	Jubilee Clip 45-60Mm Zinc Plated	FSWD40/60B	1
15	Flat Tie Holder Fth-11-8-01 Richco	TWNYLHLD	1
16	M4 Nyloc Nut St.st	FNT401	11
17	Ferrite	EFERRITEEXD	1
18	Conn Block Male	ETEMAI12M	1
19	EXODUS FRAME	MEXDFRAMESLV	1
20	Bottle Bracket A	MEXDBOTBA	1
21	Bottle Bracket B	MEXDBOTBB	1
22	Bottle Lever	MEXDBOTLVRSS	1
23	Control Panel	MEXDCNTLP	1
24	Timer Housing	MEXDTIMRH	1
25	Timer	EEXDTIMER230	1
26	Timer Mounting Lug	N/A	2
28	Toggle Switch 3 Position	ESWITCH3	1
31	Iec Inlet Black	ETEMAI11X/A	1
32	Schaffner Filter	EFILTEREXD	1
33	T92p7a22-240 Relay 240Vac 30A	ERELAYDPN0230	1
34	Rifa Capacitor	ECAPACEXD	1
35	M5 Plain Washer	FWA502	2
36	M4 Shakeproof Washer St.st	FWA401	23
37	M6 X 20Mm Pozi Pan Screw St.st	FSC6601	4
38	No6 3/8" Pozi Pan Self Tapper Black	FSC6002	18
39	M8 Washer 16Mm Od Bzp	FWA807	3
41	Conn Block Female	ETEMAI12F	1
42	No6 2/8" Pozi Pan Self Tapper St.st	FSC6001	4
43	Tygon Seal	C-140	1
44	Motor Gasket Exul/104A	PEXDMTRGSK	1



## FULL FACE MASK &amp; HALF MASK RESPIRATORS



## A SUNDSTRÖM SR200 FULL FACE MASK RESPIRATOR



The Sundström SR200 Class 3 full face mask respirator is designed to the highest standards with both protection and comfort in mind

- Manufactured in silicone, the one size mask fits most faces
- Integrated inner mask enhances comfort as there are no joints
- Low breathing resistance
- Polycarbonate scratch - resistant visor
- Large field of vision
- Lightweight, only 450 grams

Approved to Class 3 as per EN136:1995. Visor tested against EN166:1998.

**Adaptor included allowing use with Sundström filters**

**SUNDFULLMASK** Each

## B SUNDSTRÖM FULL FACE MASK ADAPTOR



Enables the Sundström filter range to be used on a full face mask respirator. Please note that the Sundström filter range can be fitted to the CK1100 full face mask when using this adaptor.

**SUNDFULLAD** Each

## C SUNDSTRÖM FREEFLOW HALF MASK RESPIRATOR



The FreeFlow half mask, developed by Sundström, has been designed to deliver high levels of comfort and protection while offering superb value for money. Elasticated head harness for a comfortable and secure fit. The FreeFlow half mask utilises the Sundström filter range.

Approved to EN140:1998

**SUNDHALFMASK** Each

## D PPE PLASTIC CARRY CASE



Plastic carry case with webbing strap suitable for storage/carriage of respirator, filters, gloves etc.

Approximate size 150mm x 185mm x 260mm.

**PPECARRYC** Each

## PARTICLE FILTERS FOR HALF MASKS AND FULL FACEMASKS ARE GRADED INTO THREE CLASSES

Filter class	Protects against	Collecting efficiency (NaCl, paraffin oil) dry particles wet particles
P1	Solid and wet particles <sup>1</sup>	80%
P2	Solid and wet particles <sup>2</sup>	94%
P3	Solid and wet particles <sup>3</sup>	99.95%

<sup>1</sup> Not against liquid aerosols, carcinogens and radioactive substances, microorganisms (bacteria, viruses, spores) or biochemical substances (enzymes, hormones).

<sup>2</sup> Not against microorganisms (viruses, spores) or against biochemical substances (enzymes, hormones).

<sup>3</sup> Protects against all types of particles.

A filter of one class also covers the classes below it, i.e. P3 also covers P1 and P2.

Change the filter if it has been damaged or if you feel increased breathing resistance.

**Particle filters protect only against particles.**

## FILTERS FOR FULL FACE AND HALF MASK RESPIRATORS



E



F



G



H

- Interchangeable filters for protection against combined hazards.
- The following range of filters are suitable for use with both the Sundström half and full face masks. Wherever dust and gases occur at the same time, filters can be combined. Any dust filter can be easily fitted on to the front of any gas filter.
- Please note that the Sundström range of filters can be fitted to the CK1100 full face mask respirator with the use of the Sundström full face mask adaptor.

### E SUNDSTRÖM A1 FILTER CE

For organic vapours and gases with a boiling point above 65°C.

**SUNDFILA1**

Each

### F SUNDSTRÖM P3 FILTER CE

Highly efficient dust filter. Can be easily fitted on to the front of any Sundström gas filter to produce a combined filter.

**SUNDFILP3**

Each

### G SUNDSTRÖM ABE2 FILTER CE

For organic, inorganic and acid gases and vapours.

**SUNDFILB2**

Each

### H SUNDSTRÖM ABEK FILTER CE

For organic, inorganic, acid and ammonia gases and vapours.

**SUNDFILABEK**

Each

## GAS FILTERS ARE GRADED INTO CLASSES AND TYPES

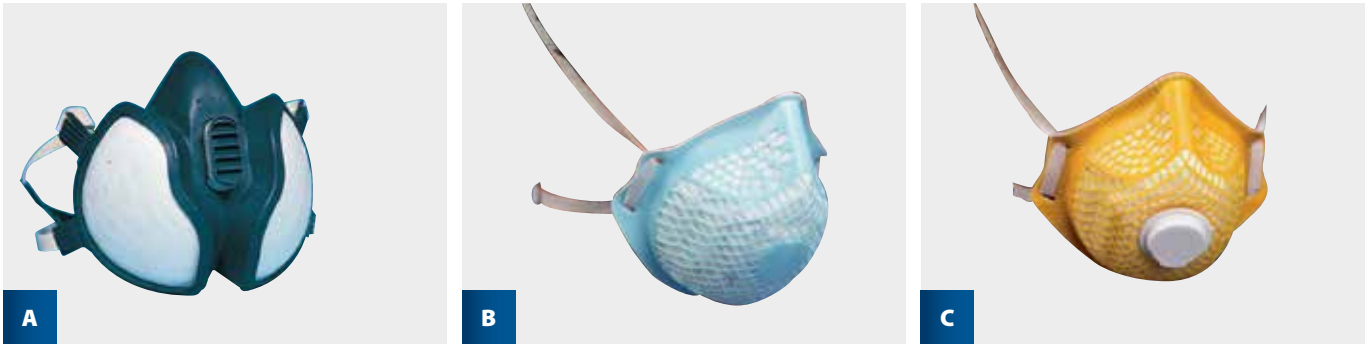
Filter class	Tested in concentrations of up to:	Filter type	Protects against	Colour code
1	0.1 percent by volume = 1 000 ppm	A	Organic gases/vapours, e.g. solvents such as white spirit and toluene	Brown
2	0.5 percent by volume = 5 000 ppm	B	Inorganic gases/vapours, e.g. chlorine, hydrocyanic acid, hydrogen sulphide	Grey
3	1.0 percent by volume = 10 000 ppm	E	Acid gases, e.g. sulphur dioxide	Yellow
		K	Ammonia and certain amines	Green

ppm= part per million.

After saturation, leakage will occur at an accelerating rate. The filter should be changed in good time before saturation. Use only filters from unopened packages.

**Gas filters protect only against gas/vapour.**

DISPOSABLE RESPIRATORS



**A 3M 4255 RESPIRATOR (A2P3)** CE

The 3M respirator can provide protection against a range of organic vapours boiling above 65°C (with good warning properties, i.e. taste or smell) in concentrations up to 10 times the Occupational Exposure Limit (OEL) or 5,000ppm, whichever is lower. In addition, this respirator can protect against fine dust, with mean particle size down to 0.5 micron, in concentrations up to 20 times OEL. The 3M 4255 respirator meets the requirements of the HSE approved standard EN405 FFA2P3. Please note this respirator has a limited service life. It should therefore be replaced immediately upon first sign of 'breakthrough' (i.e. when contaminants can be detected by taste or smell inside the respirator) or within one month of issue, whichever occurs first.

**3MRESP** Each

**B DISPOSABLE P2 MASKS** CE

Completely metal-free respirator featuring latest filter technology for reduced breathing resistance. Offers protection against non-toxic dusts and oil/water based mists.

- Mesh shell helps retain shape and prevents collapse onto the face
- Nose clip free: preformed shape removes need for regular adjustment
- Fully adjustable head strap enhances excellent fit
- Blue coloured mesh denotes FFP2

**At the time of printing, these disposable masks were unavailable. We are hopeful they will be back into stock early 2021. Please contact our Customer Services Team to check what is available.**

**DISPFFP2** Pack of 20

**C DISPOSABLE P3 MASKS** CE

Completely metal-free respirator featuring latest filter technology for reduced breathing resistance. Offers protection against non-toxic dusts and oil/water based mists.

- Mesh shell helps retain shape and prevents collapse onto the face
- Exhalation valve reduces temperature and humidity within the respirator: low profile aids field of vision
- Nose clip free: preformed shape removes need for regular adjustment
- Fully adjustable head strap enhances excellent fit
- Orange coloured mesh denotes FFP3

**At the time of printing, these disposable masks were unavailable. We are hopeful they will be back into stock early 2021. Please contact our Customer Services Team to check what is available.**

**DISPFFP3** Pack of 5

	FFP1 RESPIRATORS	FFP2 RESPIRATORS	FFP3 RESPIRATORS
PROTECTION FACTOR	<b>APF 4</b>	<b>APF10</b>	<b>APF20</b>
TYPICAL APPLICATIONS	Low levels of fine dust (up to 4 x WEL) and oil or water based mists	Moderate levels of fine dust (up to 10 x WEL) and oil or water based mists	Higher levels of fine dust (up to 20 x WEL) and oil or water based mists

**Classification Explained.**

When correctly used by a wearer who has passed a face fit test, an **FFP1** respirator should reduce exposure to airborne particulates by a factor of 4, an **FFP2** by a factor of 10 and **FFP3** by a factor of 20.

## FIRST AID KITS



D

## HAND PROTECTION



E



F

## COVERALLS



G

## D VAN AND TRUCK KIT

- Statutory cover for drivers of vans and trucks.
- Steriflow eyewash buffersolution can be used if the eye is splashed with acid or alkali, forming a barrier between the surface of the eye and the foreign substance.
- Kit housed in an ABS box.
- Designed for quick and easy access. Comes with integral wall bracket for mounting inside the vehicle.

KITVAN	Each	
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## E TOUCH N TUFF (POWDERED) TO EN 374



The Touch n Tuff gloves are also available in a powder free version;

TNTPF-M	Medium	Box of 100 (Powder Free)
TNTPF-L	Large	Box of 100 (Powder Free)
TNTPF-XL	X-large	Box of 100 (Powder Free)

## F SKYTECH GLOVES

NEW

Single use Glove, 100% Nitrile, Powder Free, 240mm Long, 0.10mm Thick.  
 High Resistance to penetration and projections of many chemicals. Powder-free latex free, non-sterile, AQL 1.5  
 Dual Labelling: PPE and medical.  
 Conforms to EN455 (all Parts)

SKYTECPF-S/M/L/XL	Each	
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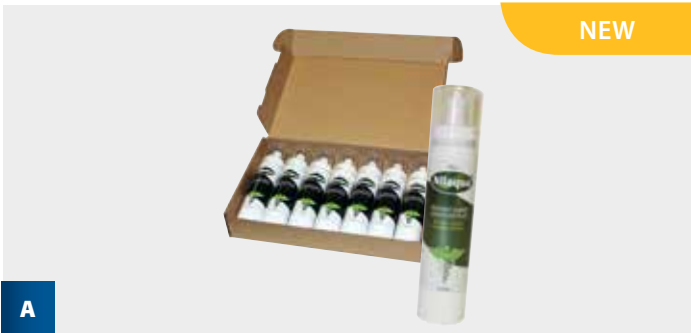
## G TYVEK® 600 PLUS COVERALLS TYPE 4, 5 &amp; 6



The Tyvek® 600 Plus Coverall offers protection against type 4,5 and 6. The garment design offers ease of movement to the wearer, while the hood and elastic around the hood are designed for tight fit around a full face respirator. The seams are stitched and overtaped, offering equal barrier as fabric. **Recommended for use when cleaning up bird guano.** Available in white.

TYVEK600-M	Medium (36-39.5")
TYVEK600-L	Large (39-42.5")
TYVEK600-XL	Extra large (42-46")
TYVEK600-XXL	Extra, extra large (45.5-49")

## HEALTH &amp; SAFETY



A



B

## A KILLGERM® NILAQUA INSTANT HAND SANITISER

Killgerm Hand Sanitiser (Nil aqua) is an alcohol-free, quick drying hand sanitiser that offers post application protection for up to 6 hours. Based on two active ingredients, Didecyl Dimethyl Ammonium Chloride and Quaternary Ammonium Compounds, it Kills up to 99.9999% of germs, including Coronavirus, MRSA, C-diff, Norovirus and more. Killgerm Hand Sanitiser (Nil aqua) is non-skin drying and non-skin irritating. EN1500 approved product (Hygienic Hand Rub test - pass).

**NILAQUA7X100** 7 x 100ml

## B GORILLA WIPES® GREEN

NEW

The new & improved Gorilla Wipes® Green is a highly effective multi-purpose cleaning wipe. Kills all viruses and bacteria, including: Weils Disease & CoronaVirus. Removes Silicone, Adhesives, Paint, Expansion Foam, Super-Glue, Grease, Grime, and much more. Easy to use. Suitable for most surfaces & areas, including food preparation and surgical surfaces. Solution is 100% biodegradable.

**GORILLAGREEN** Pack of 80

## CHEMICAL STORAGE



D



E



F



G

## D PESTICIDE CARRY BAG

An updated pesticide carry bag made from nylon with PVC coating. Features include side pocket, end pocket with polypropylene webbing, shoulder strap, re-inforced PVC base, covered baseboard and insert with separate compartments.

**PESTBAG2** Each

## E PESTICIDE JARS

A see-through jar that holds approximately 1.75 kilos of rodenticide bait.

**PESTJAR** Each

## F CHEMLOCK DUAL BOX

Made from specifically formulated thermoplastic to be super strong and chemical resistant.

The compound provides a wide spectrum of chemical resistance. A permanent bond is achieved using a replaceable high ACN nitrile rubber seal selected for its high resistance to chemicals. Designed to take into account the Professional Operator working with Aluminium Phosphide.

**External Dimensions: 560mm x 390mm x 425mm**

**Box Carrying Capacity: 55 Litres**

**CHEMDUAL** Each

## G CHEMLOCK PEST PARTNER BOX

Made from specifically formulated thermoplastic to be super strong and chemical resistant.

The compound provides a wide spectrum of chemical resistance. A permanent bond is achieved using a replaceable high ACN nitrile rubber seal selected for its high resistance to chemicals. Designed to take into account the Professional Operator working with Aluminium Phosphide.

**External Dimensions: 350mm x 154mm x 120mm**

**Total Capacity Approximately: 6 Litres**

**CHEMPESTPART** Each



## BEEKEEPERS CLOTHING



## A BEEKEEPERS GLOVES

A leather glove with elasticated polycotton gauntlet to go over the sleeve with a tag for easy pull out action.

	SIZE		
BEEGLOVE8	8	Pair	
BEEGLOVE9	9	Pair	
BEEGLOV10	10	Pair	
BEEGLOV11	11	Pair	

## B BEEKEEPERS HAT &amp; VEIL

With two stainless steel rings to stop the net blowing on to the face.

BEEKEEPER	Each	
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## C BEEKEEPERS JACKET (STANDARD VERSION)

Similar to the above, but instead of the hat, there is a flat top. Some beekeepers wear a flat cap underneath it for superior protection.

BEEKEEPES	(Up to 44")	Each	
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## D BEEKEEPERS JACKET (DELUXE VERSION)

With built in hat and two stainless steel rings to keep bees and wasps well away from the face, but with zipped throw back hood for ease of driving etc. Elasticated at waist and sleeves. On the deluxe version only there are loops on the sleeve ends that go round the thumb inside your glove to maintain a sleeve seal.

BEEKEEPDEL-S	Small (Up to 36")	Each	
BEEKEEPDEL-M	Medium (Up to 44")	Each	
BEEKEEPDEL-XL	Extra Large (44" onwards)	Each	

## E BEEKEEPERS TROUSERS

Makes a full suit when used with the beekeepers jackets. Elasticated waistband and ankles.

BEETROU-S	Small (34" Waist)	Pair	
BEETROU-M	Medium (38" Waist)	Pair	
BEETROU-L	Large (42" Waist)	Pair	

## F ALL-IN-ONE HEAVY DUTY BEEKEEPERS SUIT

A high quality grey fabric all-in-one suit developed to meet stringent performance criteria. Extremely durable and hardwearing and retains its smart appearance after multiple laundering. The suit has been designed and tested with pest control in mind. Features include:

- Hood fitted with large net to increase field of vision
- Detachable Hood
- Full Zip Front
- Two large front thigh pockets, along with a mobile phone pocket
- Sleeve hems elasticated and fitted with thumb loops

BEESUIT-M	Medium (40" - 42" Chest)	Each	
BEESUIT-L	Large (44" - 46" Chest)	Each	
BEESUIT-XL	Extra Large (48" - 50" Chest)	Each	

## BEEKEEPERS CLOTHING



## G ULTRA BEE SUIT

NEW

Made from a high-tech 3D fabric with 5mm sting protection, the Ultra Bee Suit provides the ultimate defence against bee, wasp and hornet stings. The Ultra Bee Suit has undergone rigorous testing by professionals facing highly aggressive bees, wasps and Asian/European hornets. It has proven its effectiveness in offering maximum protection even in challenging environments. Features include:

- Made from Polyester with poly/cotton trim
- Detachable interchangeable hood
- Long Life Veiling™
- Twin neck zips with ring pulls
- Velcro tabs where neck zips meet for extra security
- 2 Breast pockets with Velcro flaps
- 2 Hip pockets
- 2 Thigh pockets with Velcro flaps
- 2 Hive tool pockets
- 2 Internal knee pockets with Velcro for knee pad inserts
- Waterproof knee patches
- Ankle zips, thumb loops and hanging loop
- Elasticated at back, ankles and wrist

ULTRABEESUIT-M	Medium (Chest 96-102cm, height up to 178cm)	Each	
ULTRABEESUIT-L	Large (Chest 107-112cm, height up to 183cm)	Each	
ULTRABEESUIT-XL	XL (Chest 117-123cm, height up to 189cm)	Each	
ULTRABEESUIT-XXL	XXL (Chest 127-132cm, height up to 189cm)	Each	

## H ULTRA BEEKEEPERS JACKET

NEW

Made from a high-tech 3D fabric with 5mm sting protection the Ultra Beekeepers Jacket provides the best sting protection on the market. The jacket has undergone rigorous testing by professionals against angry bees, wasps and Asian/European hornets. It has proven its effectiveness in offering maximum protection even in challenging environments. Features include:

- Made from Polyester with poly/cotton trim
- Detachable interchangeable hood
- Long Life Veiling™
- Twin neck zips with ring pulls
- Velcro tabs where neck zips meet for extra security
- Full zip front
- 2 Breast pockets with Velcro flaps
- 2 Roomy front pockets
- Elasticated hem with toggle adjuster
- Elasticated cuffs/Thumb loops
- Hanging loop

ULTRAJACKET-M	Medium (Chest 96-102cm, height up to 178cm)	Each	
ULTRAJACKET-L	Large (Chest 107-112cm, height up to 183cm)	Each	
ULTRAJACKET-XL	XL (Chest 117-123cm, height up to 189cm)	Each	
ULTRAJACKET-XXL	XXL (Chest 127-132cm, height up to 189cm)	Each	

## I BEEKEEPER ANKLE GAITERS

NEW

Elasticated gauntlets to give extra protection around the ankles, and can be tucked into shoes or boots for extra protection if you don't wear wellies. Should be worn underneath suits for the best protection. Made from premium 67%Polyester / 33% Cotton. Gauntlet length: 29cm/11.5 inches

BEEGAITERSW	Each	
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## J BEEKEEPERS CLOTHING HOLDALL

A specially made holdall for storage of beekeepers clothing. Measuring 17" in diameter and 5" wide it is perfect for all the various beekeepers clothing. Constructed from 480d navy poly PVC coated material.

BEEKEEPERBAG	Each	
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## INSPECTION PRODUCTS



A



B

## A SUPER CAM WIRELESS INSPECTION CAMERA

Wireless inspection camera for easy inspection of hard to reach areas. Compatible with Android and IOS systems. Kit includes a carry case, and a range of useful attachments including a telescopic 1 meter pole, hook and magnet attachment, and flexi rod / gooseneck adapter.

- Built-in Wi-Fi hotspot.
- Wireless range up to 20m [in line of sight].
- Always up viewing mode, the image stays the right way up even when the camera rotates.
- Digital pinch zoom.
- Auto / manual focus.
- Adjustable light.
- Fully charged in 60 minutes type-C USB quick-charge.
- Non-contact voltage detector with audio and visual alerts [50 - 1000V AC].
- Dustproof and waterproof [IP67].

SUPERCAM6.5

Each

## B SEESNAKE MICRO CA-150

After introducing the SeeSnake® micro™ - the world's first handheld inspection camera – RIDGID® once more sets the standard for inspection camera's with the new micro CA-150. Features: • Larger LCD Screen (3.5") • 360° Image Rotation • 4 LED Lights • Imager Head - 17 mm / Aluminium • 90cm Cable Extension Available

SEESNAKEM

Each

SEESN90CM

90cm Extension

BATTERYAA

Pack of 10 AA Batteries

INSPECTION PRODUCTS



C

C MOTION SENSOR CAMERA

The Motion Sensor Camera offers the exceptional ability of recording real time videos of pest activity such as rodent activity in an infested area. It allows the operator to confirm the presence of pests and identify the source of an infestation. By inserting a SIM card, the MMS/GPRS function allows the operator to obtain images directly to their smartphone or computer when the camera detects movement.

Key features:

- 2G/GSM SIM card reader - Insert SIM card and receive pictures via MMS and/or E-mail
- Adjustable image resolution 5/8/12 MP Camera
- Video resolution 1080p
- Photo or Video (colour)
- Night mode (Black and White)
- Built in 2.0" LCD screen
- 3 Motion Sensors
- Trigger speed 0.3 seconds
- Compatible with Micro SD card's up to 32gb (**Not supplied**)
- TV out, USB input, MicroSD card input
- Waterproof IP65 rated
- Requires 8 AA Batteries for Camera power supply (**Not supplied**)

Please note no SIM card is supplied with the product.

<b>SENSORCAM4</b>	Each	
<b>SENSOR32GB</b>	32GB Micro SD Card	
<b>BATTERYAA</b>	Pack of 10	

D TC7 TELESCOPIC CAMERA

The TC 7 is a telescopic lightweight lance with an adjustable length from 1.5m to 7m for domestic, commercial and industrial use.

- High quality camera
- USB Mini torch for dark areas
- Strong flexible neck
- Heavy duty carry case
- Video Recording up to 3.5 hours
- Supplied with a 4GB SD card

<b>TC7CAMERA</b>	Each	
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D

## ACCESSORIES

**A KILLGERM® INSECT VIEWER**

Consists of a clear plastic container with screw top magnifier giving 4.75x magnification. Ideal for live insect pest identification. Measures approx 70mm x 50mm diameter.

**INSECTVIEW** Each

**B KILLGERM® LED HAND LENS**

The Killgerm LED Hand Lens is a small compact twin magnification hand lens offering 30x and 60x magnification. The two LED's make it ideal for use in areas of low ambient light where on the spot insect id may be required. This compact lightweight lens can be attached to a keychain or lanyard and comes supplied with a hard-shell carry case.

**LEDHANDLENS** Each

**C INSECT SPECIMEN POTS**

Ideal container to store insects in preparation for identification.

**INSECTPOT20** Pack of 20

**D LITTER PICKER**

Grip 'n' grab picker with patented sure-grip jaws for a precision pick. Reaches 1.5 metres and picks from 1 gram up to 1 kilo. Lightweight design with easy trigger action.

**LITTERPICK** Each

**E PESTICIDE CARRY BAG**

A pesticide carry bag made from nylon with PVC coating. Features include side pocket, end pocket with polypropylene webbing, shoulder strap, re-inforced PVC base, covered baseboard and insert with separate compartments.

**PESTBAG2** Each

**F PESTICIDE JARS**

A see-through jar that holds approximately 1.75 kilos of rodenticide bait.

**PESTJAR** Each



ACCESSORIES



**G B & G CARRYING CASE**

Holds B & G equipment and sufficient insecticide for an operator's daily needs. Leak proof and lockable. 42cm wide x 35cm deep x 48cm high.

<b>B&amp;GCARRYC</b>	Each	
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**H AF® POWDER SCOOP**

The AF Powder Scoop has been designed to allow the easy filling of a wide range of dusting equipment. This useful tool, made from polypropylene, helps to reduce the exposure time to insecticidal powders and reduces waste from spilt powder. It can be used as a traditional scoop for larger dusting application equipment or as a combined scoop/funnel for use with smaller powder application tools.

<b>AFPOWSCOOP</b>	Each	
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**I A5 REPORT PADS**

Handy A5 inspection pads showing type of visit, inspection findings, action/treatment details and recommendations. Contain 50 sheets of self-carbonating paper to provide professional reports quickly and easily.

<b>REPPADA5</b>	Pack of 50	
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**J A4 REPORT PADS**

Handy A4 inspection pads showing type of visit, inspection findings, action/treatment details and recommendations. Contain 50 sheets of self-carbonating paper to provide professional reports quickly and easily.

<b>REPPADA4</b>	Pack of 50	
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**K AF® TELESCOPIC BAIT ROD**

The Telescopic Bait Rod can be used to place and retrieve baits/snap traps in hard to reach places, such as un-boarded loft spaces, roof voids, subfloor areas or to the rear of machinery. The bait rod reduces the need for ladders, crawler boards and other access equipment making it safer, easier and less time consuming for the pest control technician. The pole has 5 adjustable sections which can be locked and unlocked with a simple twist action. The telescopic design allows extension to any length up to 2.5 meters. Stick on clips and cable ties need to be purchased separately. Dimensions: Collapsed 0.55m, fully extended 2.5m.

<b>AFTELBAITROD</b>	Rod only	Each	
<b>AFTELCLIP</b>	Adhesive clips	Pack of 100	
<b>AFTELCABLE</b>	Cable ties (200mm x 4.8mm)	Pack of 100	

## ACCESSORIES

**A AA BATTERIES**

Professional AA Alkaline Batteries

- Battery Voltage:1.5V
- External Diameter:14.5mm
- External Height:50.5mm

**BATTERYAA** Pack of 10

**B AAA BATTERIES**

Professional AAA Alkaline Batteries

- Battery Voltage:1.5V
- External Diameter:10.5mm
- External Height:44.5mm

**BATTERYAAA** Pack of 10

**C C CELL BATTERIES**

Professional C Alkaline Batteries

- Battery Voltage:1.5V
- External Diameter:26.2mm
- External Height:50mm

**BATTERYC** Pack of 10

**D D CELL BATTERY**

Professional D Cell Alkaline Battery

- Battery Voltage:1.5V
- External Diameter:34.2mm
- External Height:61.5mm

**BATTERYD** Each

**E CARTRIDGE CUTTER**

Simplify the handling of silicon cartridges with this cap and spout trimmer. It saves time and reduces the risk of injury from open blades.

**KGA001** Each

ACCESSORIES



**F GLORIA MULTIJET WASHER**

The Gloria 18v MultiJet is a battery powered pressure washer. The operating pressure can be regulated between 2.5 and 24.9 bar. The MultiJet can draw water from any source (bucket, water butt, bottle or tap). Powered by a 4Ah battery (supplied separately), this pressure washer is ideal for guano removal from balconies/ledges or just general cleaning of bins, bin areas and vans. The foam set can be used to create a foam to aid in general cleaning /disinfection.

**Please note both the battery and charger need to be purchased separately.**

- Variable pressure regulator. • Max. pumping capacity 24.9 bar. • Draws liquid from any source. • 4-in-1 multifunction nozzle.
- Incl. 40 cm extension lance. • Weight 1.9 kg. • Foam Set Attachment.

<b>GLOWASHMULTI</b>	Multijet Unit and Foamer	
<b>GLOWASHBAT</b>	4.0Ah Battery	
<b>GLOWASHCHA</b>	Standard Charger	

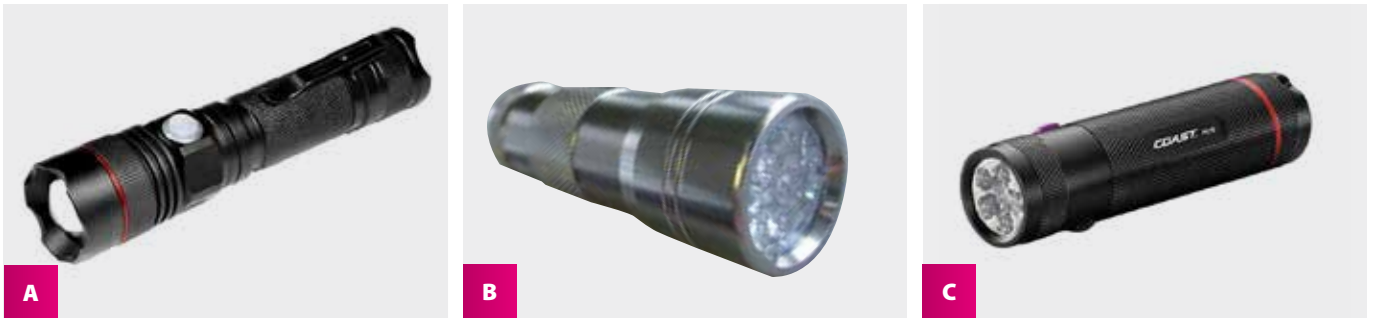
**G RINSEKIT POD**

Easily rinse 2 people from head to toe or mist the team during a hot day. Rinse off after surfing, running, biking, or any activity. Wash your pets, clean the kids, and keep your gear clean and working well.

- 1.75 gallon tank designed to store pressure for up to a month
- Quickly fills with hot or cold water in 30 seconds from a hose bib or sink
- Easy reach 6ft long hose
- 5 spray settings for all your rinsing needs (Jet, Mist, Center, Flat, Shower)
- Included Hot Water Sink Adapter allows you to fill your RinseKit with hot water from your sink!
- Dimensions: 14 x 8.5 x 11.75 inches

<b>RINSEKIT</b>	Each	
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## TORCHES



A

B

C

## A CLUSON AB200 LED TORCH

A powerful, pocket sized torch with adjustable beam. 500 Lumens, providing a 300metre beam. Fitted with an everlasting LED – no replacement bulbs needed. Fully adjustable from spot to flood, weighing 115g with battery. Made from high grade aluminium, and supplied with a rechargeable li-ion battery.

<b>CLUAB200LED</b>	Each
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## B UV TORCH

Compact, durable UV Torch for use with fluorescent baits. With 12 LED's. **Supplied with 3 AAA batteries.**

<b>UVTORCHLED12</b>	Each
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<b>BATTERYAAA</b>	Pack of 10 AAA batteries
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## C COAST PX10 LED UV TORCH

The Coast PX10 is a compact, professional use torch that can tap into a spectrum of light most other torches can't access. Using a total of six LED's; three of which craft a bright white flood beam, while the other three are UV LED's that can form into a precision spot of Ultra Violet light. The White or UV lamps are activated by an independent push button switch, saving you time cycling through the lighting modes.

- Operating Modes: Off / On
- Luminous Flux: 59 lumens (white LED's only)
- LED: 3 x white LED / 3 x ultra violet LED
- Wavelength: 395 nm UV-A (UV LED's only)
- Beam Range: 39 m
- Overall Length: 100 mm
- Weight: 86 grams (including batteries)
- Body Material: Aircraft grade aluminium
- Batteries Required: 3 x AAA (included)

<b>COASTPX10UVLED</b>	Each
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**Killgerm®**

You know when  
you're in safe hands!

[www.killgerm.com](http://www.killgerm.com)

# AF<sup>®</sup> Range

Killgerm<sup>®</sup> are proud to  
present our exclusive range  
of AF<sup>®</sup> products

Manufactured by experts for use by professionals

# Anticoagulant rodenticides:

## FIRST GENERATION

Warfarin • Coumatetralyl

### Warfarin

The first of all anticoagulants to be produced. Whilst it has been replaced by alternatives in some areas due to resistance, it remains a potent rodenticide in many situations.

### Coumatetralyl

A potent alternative to Warfarin, with lower risks of secondary poisoning compared to second generation products.

## SECOND GENERATION

Difenacoum • Bromadiolone • Difethialone • Flocoumafen • Brodifacoum

### Difenacoum

Difenacoum was the first second generation compound for warfarin-resistant rodents.

### Bromadiolone

Bromadiolone is a second generation compound for warfarin-resistant rodents.

### Difethialone

Difethialone is the first new anticoagulant ingredient to be introduced to the UK in over 20 years. An effective single feed solution to rodent problems.

### Flocoumafen

Flocoumafen has a high toxicity to both rats and mice and it can be used as a single feed solution.

### Brodifacoum

A highly potent anticoagulant. Effective on both rats and mice with a low single feed required.

## ACUTE RODENTICIDES

### Alphachloralose

This is a narcotic and acts by slowing down the metabolism of the rodent resulting in death by hypothermia. It is therefore most effective at temperatures below 16°C. It is only approved for use against the house mouse. Underdosing can lead to sub-lethal poisoning and subsequent bait shyness.

### Cholecalciferol

A novel mode of action to the anticoagulants. An effective resistance breaker against rats and mice.

CONSULT SPECIFIC PRODUCT LABELS / INFORMATION REGARDING AREAS OF USE E.G. INDOOR USE ONLY, IN AND AROUND BUILDINGS, INDOORS AND OUTDOORS, AND OPEN SPACES.

# Rodenticide formulations

## Edible Baits

### Loose cereal baits, pellets, wax blocks and pasta bait.

Loose cereal baits and pasta baits, by and large, are probably better accepted by rodents. However, in many situations the use of blocks can be advantageous. They are often less susceptible to mould growth and hence remain palatable longer, particularly in damp conditions. They are looked upon favourably by the food industry, with less risk of contamination. Most blocks have a central hole enabling them to be secured, avoiding loss.

## Edible Gels, Wax Baits and Pastes

Non-spill formulation especially useful in sensitive environments, such as where food is handled or stored. Edible gels, wax baits and pastes maintain their form and palatability over prolonged periods provided they are kept free from dust and moisture contamination.

## Contact Foam

Water-based formulation. Rats and mice contact the foam and ingest it via grooming.

## Liquid Bait

Ready-to-use anticoagulant liquid baits are available in 'drinkers', particularly useful for Norway rat and house mouse control in dry conditions. For use in and around buildings in tamper-resistant bait stations.



# The short guide to environmental assessments

## Pre – Treatment

- Status of the site
- Adjacent features such as watercourse, woodlands, public footpaths
- Presence of mammal or bird predators/scavengers
- Access by domestic animals
- Species, degree and extent of infestation
- Any previous control carried out?
- Justification for the selection of the rodenticide to be used
- Materials and techniques to be used for protecting baits
- Potential for secondary poisoning to non-target species
- Facilities for safe disposal of rodent bodies and waste rodenticide

## Treatment

Records should be kept to;

- Identify areas where bait has been laid
- Identify the active ingredient, formulation and quantities used
- Demonstrate the treatment frequency to check and replace baits and to search for and remove rodent bodies
- Report any effects on non-target species and action taken to reduce this
- Report any interference or removal of baits
- Report on conditions which may adversely affect treatment and remedial actions
- Demonstrate that control is being achieved

## Post Treatment

On completion of the treatment, records should be updated to demonstrate that;

- The infestation has been controlled
- As far as is reasonably practicable all baits have been removed/bait stations emptied
- A final search has been made to locate and remove rodent bodies
- Any proofing or other environmental changes which may prevent re-infestation have been discussed with the client

Download the full environmental risk assesment from [www.thinkwildlife.org](http://www.thinkwildlife.org)



## Rodent control methods - In line with Stewardship

For rodent control methods, please refer to **CRRU IRELAND CODE OF BEST PRACTICE: Best Practice and Guidance for Rodent Control and the Safe Use of Rodenticides.**

Undertaking rodent control in line with this best practice document is a requirement of the UK Rodenticide Stewardship Regime. This must be adhered to in order to reduce SGAR residues in birds of prey and other wildlife. A key principle of this guide is the 'risk hierarchy'. "The concept of 'risk hierarchy' should be at the forefront when deciding a

rodent control strategy for any site. The key here is that any intervention conducted must be potentially effective but, in the risk hierarchy, the least severe methods must always be used. It is not necessary that all options in the risk hierarchy should be employed, and found to fail, before an effective solution is reached. But all should be considered." The guide can be downloaded here <http://www.thinkwildlife.org/>

## Killgerm® supports the campaign for responsible rodenticide use

- Always have a planned approach
- Always record quantity of bait used and where it is placed
- Always use enough baiting points
- Always collect and dispose of rodent bodies
- Never leave bait exposed to non-target animals and birds
- Never fail to inspect bait regularly
- Never leave bait down at the end of the treatment





**Killgerm®**

You know when  
you're in safe hands!

[www.killgerm.com](http://www.killgerm.com)

# sakarati®

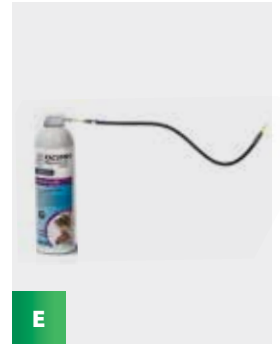
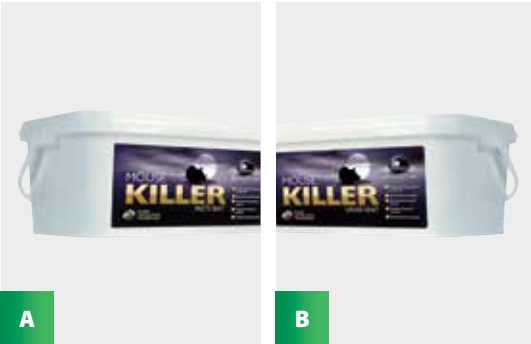
RANGE

Manufactured by experts for use by professionals

**ALPHACHLORALOSE**

**CHOLECALCIFEROL**

**COUMATETRALYL**



**A BLACK PEARL PASTE BAIT | IE/BPA70057** **PROFESSIONAL**

Contains 4.00% alphachloralose.

A highly effective paste bait with patented active capsulation technology. Black Pearl immobilises mice almost instantly and has a narcotic effect, slowing down the metabolism of the rodent resulting in control by hypothermia. The new Active Capsulation Technology is a process by which the active ingredient molecule is surrounded or coated with a continuous film of polymeric material. The encapsulation of the Alphachloralose active ingredient ensures that a mouse cannot taste or sense it, and will very quickly consume the bait. The use of microencapsulation also ensures that the bait works quickly and effectively in all temperature extremes. Packed in 10g sachets.



**BLKPEARLPASTE1K** 1 x 1 kilo

**B BLACK PEARL GRAIN BAIT** **PROFESSIONAL**

Contains 4.00% alphachloralose.

A highly effective pinhead oatmeal bait with patented active capsulation technology. Black Pearl immobilises mice almost instantly and has a narcotic effect, slowing down the metabolism of the rodent resulting in control by hypothermia. The new Active Capsulation Technology is a process by which the active ingredient molecule is surrounded or coated with a continuous film of polymeric material. The encapsulation of the Alphachloralose active ingredient ensures that a mouse cannot taste or sense it, and will very quickly consume the bait. The use of microencapsulation also ensures that the bait works quickly and effectively in all temperature extremes. Packed in 10g sachets.



**BLKPEARLWHEAT1K** 1 x 1 kilo

**C SELONTRA®** **PROFESSIONAL**

Contains 0.075% cholecalciferol

Selontra® is based on the non-anticoagulant rodenticide cholecalciferol, presented as a highly palatable soft block formulation. Cholecalciferol is effective against anticoagulant-resistant Norway rats and house mice. It is not bioaccumulative or persistent and therefore presents relatively lower secondary poisoning risks to non-target species, such as birds of prey, compared to second generation anticoagulants.



**SELONTRA008K** 1 x 8 kilos

**D RACUMIN® FOAM** **PROFESSIONAL**

Contains: 0.4% w/w coumatetralyl

Quick and easy to apply; ready to use product. Racumin® Foam takes advantage of a rat's grooming behaviour; rats groom 20% of the time in a 24 hour period, therefore contact with Racumin® Foam will ensure ingestion of the active ingredient. It can be placed in locations such as cavity walls, where traditional baiting methods are not possible. It provides an additional level of control that cannot be achieved with current baiting techniques. Racumin® Foam offers an ideal solution where bait shyness or neophobia is an issue. Racumin® Foam is not a bait and therefore does not rely on palatability, once applied the disturbed foam provides a good visual guide to the level of rodent activity



**RACFOAM500ML** 1 x 500 ml

**E FLEXIBLE AEROSOL STRAW KIT**

Flexible extension straws for Racumin Foam and other aerosol sprays such as Bayer Crawling & Bayer Flying. The straws come supplied in a multi pack containing:

- 1 x 60cm flexible straw
- 1 x 30cm flexible straw
- 1 x cleaning tool
- 1 x actuator cap & connector (fits all common 4mm male aerosol valves)
- 1 x additional spare actuator cap

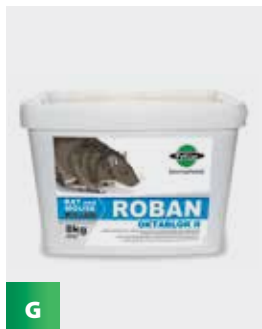
Made from robust chemical resistant tubing, the straws can be bent to the required shape and stay put.

**AEROSTRAWKIT** Each

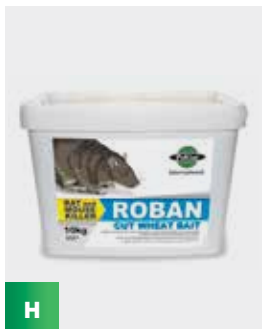
## DIFENACOUM



F



G

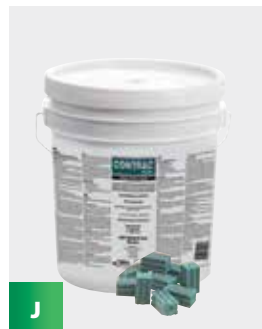


H

## BROMADIOLONE



I



J

## F SAKARAT® D WAX BAIT | BPR: UK-2012-0370

PROFESSIONAL

Contains 0.005% difenacoum

This highly effective second generation anticoagulant is a blend of cereal and palatable foodstuffs, which is ideal when competing with other foodstuff. Supplied in 300g plastic tubes for easy application (caulking gun) and transportation, which reduces contamination risks. Please note that on the summer formulation each tube is marked with a red batch number sticker. The winter formulation is marked with a blue sticker. Approved for rats and mice.



SAKDWAX300X10

10 x 300 g

## G ROBAN OCTABLOK 8KG | IE70580

PROFESSIONAL/TRAINED PROFESSIONAL USE

Contains Difenacoum 0.005%

Our process of hot casting encases the blocks in wax giving considerably more protection from the elements when compared to extruded blocks.



ROBOCT08K

1 x 10 kilos

## H ROBAN CUT WHEAT 10KG | IE70573

PROFESSIONAL/TRAINED PROFESSIONAL USE

Contains Difenacoum 0.005%

This cut wheat bait is formulated using top quality, dust-free chopped wheat with the active ingredient difenacoum and contains a highly appealing special aroma, giving the bait a unique chocolate smell.



PELROB10

1 x 10 kilos

## I SAKARAT® BROMABAIT® | BPR: UK-2015-0931

PROFESSIONAL

Contains 0.005% bromadiolone

A whole wheat rodenticide containing bromadiolone, Sakarat Bromabait is ideal for use across the PCO sector. It is effective against rats and mice.



SAKBW010K

1 x 10 kilos

## J CONTRAC ALL-WEATHER BLOX | BPR:UK-2015-0941

PROFESSIONAL

Contains 0.005% bromadiolone

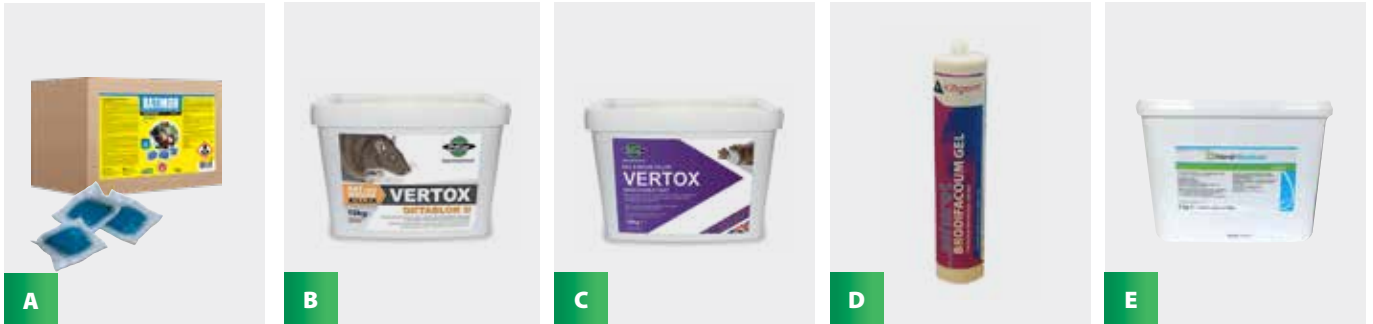
A cereal based 28g block formulation with a low wax content and a special blend of food grade ingredients. The multi-edged design gives rodents plenty of gnawing surfaces. A hole in the centre makes it ideal for slipping onto security rods. Contains Bitrex™.



CONTRA008K

1 x 8 kilos

**BRODIFACOUM**



<b>A</b>	<b>RATIMOR BRODIFACOUM FRESH BAIT   BPR: UK-2015-0857</b>	<b>PROFESSIONAL</b>
	<p>Contains 0.0029% brodifacoum</p> <p>A highly efficient pasta bait with excellent palatability. Packed in individual 10g sachets.</p>	
	<p><b>RATIBRODFRESH5K</b> 1 x 5 kilos</p>	
<b>B</b>	<b>VERTOX OCTABLOK 10KG   IE70534</b>	<b>PROFESSIONAL</b>
	<p>Contains 0.005% Brodifacoum</p> <p>The cast wax blocks are a highly palatable formulation suitable for use in all climatic conditions, especially areas of high humidity.</p>	
	<p><b>PELVERTPBATCH</b> 1 x 10 kilos</p>	
<b>C</b>	<b>VERTOX WHOLE WHEAT 10KG   IE70538</b>	<b>PROFESSIONAL</b>
	<p>Contains 0.005% brodifacoum</p> <p>The whole wheat baits are formulated using food grade micronised (high temperature treated) wheat.</p>	
	<p><b>VERTWW010K</b> 1 x 10 kilos</p>	
<b>D</b>	<b>SAKARAT BRODIFACOUM GEL   IE/BPA70830-002</b>	<b>PROFESSIONAL</b>
	<p>Contains 0.005% brodifacoum</p> <p>An innovative bait using Lipogel technology to create a highly palatable formulation. Blended using vegetable fats to get a soft, creamy and stable product.</p>	
	<p><b>SAKBRODDEL10</b> 10 x 300g</p>	
<b>E</b>	<b>KLERAT WAXBLOCKS 10KG   IE/BPA 70601</b>	<b>PROFESSIONAL</b>
	<p>Contains 0.0005% Brodifacoum</p> <p>Klerat® Wax Blocks is a ready-to-use wax block bait, for use as a rodenticide by professionals, for the control of brown rats and mice indoors and outdoors around buildings for the protection of public health, animal health, stored products and materials.</p>	
	<p><b>KLERBLOCK010K</b> 1 x 10 kilos</p>	

## BRODIFACOUM

## NON TOXIC INDICATORS



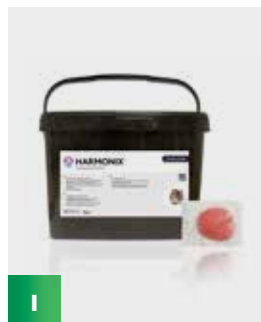
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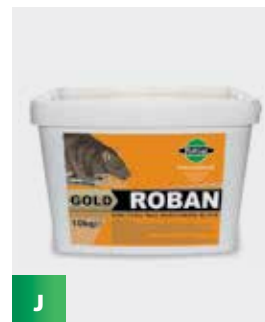
G



H



I



J

## F SAKARAT BRODIKILL | BPR: UK-2017-1051

PROFESSIONAL

Contains 0.0029% brodifacoum

A whole wheat rodenticide containing brodifacoum, made from high quality micronized whole wheat. Single feed, for use against rats and mice. Can be used in and around buildings.



SAKBRODW010K

1 x 10 kilos

## G DETEX BIOMARKER BLOX

A highly palatable, non-toxic, all weather monitoring bait. Used to indicate rodent activity prior to carrying out rodent treatments. Containing a special dye that is visible when exposed to UV light, helping to identify the home range and harbourage of rodents.



DETEX004K

1 x 4 kilos

## H SAKARAT® MONITORING BAIT

Sakarot Monitoring Bait is a highly palatable toxic-free soft wax formulation, making it particularly useful in premises where toxic baits are only allowed for a riddance programme and not for monitoring. This excellent formula is for use as part of a professional rodent monitoring programme, where it is necessary to confirm rodent activity before carrying out a baiting programme.



WAXNONTOX

1 x 300 g

## I HARMONIX® MONITORING PASTE

Harmonix Monitoring Paste is a new non-toxic monitoring bait and gives full traceability day and night. It is also free from the big 8 food allergens and is HACCP certified.

Key product facts:

- Non-toxic monitoring bait for use as part of an integrated approach
- Suitable for the food industry
- Free from the big 8 food allergens including wheat
- HACCP certified
- Day and night traceability



HARMON005K

1 x 5 kilos

## J ROBAN GOLD

Non-toxic baits are becoming increasingly important in the battle against rodents where toxic baits cannot be used or should not be used permanently.



ROBNONTOXG

1 x 4 kilos

ROBNONTOXG10

1 x 10 kilos



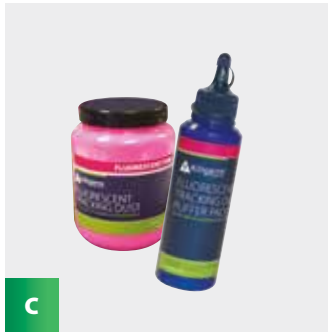
NON TOXIC INDICATORS



A



B



C



D

**A UV TORCH**

Compact, durable UV Torch for use with fluorescent baits. With 12 LED's. **Supplied with 3 AAA Batteries.**

<b>UVTORCHLED12</b>	Each	
<b>BATTERYAAA</b>	Pack of 10	

**B FLUORESCENT TRACKING DUST (YELLOW)**

A light non-toxic powder to aid the detection of rodent movements.



<b>FLURVEL100G</b>	1 x 100 g puffer pack	
<b>FLURVEL250G</b>	1 x 250 g	

**C FLUORESCENT TRACKING DUST (PINK)**

A light non-toxic powder to aid the detection of rodent movements.



<b>FLURPINK100G</b>	1 x 100 g puffer pack	
<b>FLURPINK250G</b>	1 x 250 g	

**C SAKARAT® FLUORESCENT TRACKING GEL**

Sakarat Fluorescent Tracking Gel is a professional use, non-toxic tracking gel for rats and mice. Can be used on horizontal or vertical surfaces, and allows tracks, routes, hideouts and harbourages to be easily identified. Can be used indoors or outdoors. Contains UV tracking technology and can be seen clearly.



<b>SAKTRACKGELRED</b>	1 x 300ml - red colour	<b>NEW</b>	
<b>SAKTRACKGELVEL</b>	1 x 300ml - Yellow colour		



# AF® Snappa



Supplied in cases of:  
 15 AF Snappa stations  
 20 Inspection labels  
 1 AF Plastic key

- A mouse bait station designed to trap mice using a Snap-E mouse trap so that the body of the mouse is not visible once trapped, discreet for food areas
- See-through lid available
- Fingers can't get inside the box - added safety
- A label can be affixed to the inside of lid - aiding record keeping
- Inspection slot enables you to see at a glance if the trap has been activated - ideal for inspections
- Fits onto the AF Shoe and AF Insect Monitor
- Takes the Snap-E mouse trap (not included) as well as bait blocks using bait block rods (optional extra)



VIDEO AVAILABLE ONLINE  
[www.killgerm.com](http://www.killgerm.com)

GOT A SMART PHONE  
 Visit your app store to find a  
 barcode reader for your device

<b>AFSBLKBLK</b>	Black lid/Black base	Box of 15	
<b>AFSCLECLE</b>	Clear lid/Clear base	Box of 15	
<b>AFSRODS</b>	Bait rods	Box of 15	
<b>AFPLASTKEY</b>	Plastic Key	Each	
<b>AFKEY</b>	Metal Key	Each	

Patented Technology

# AF® Advance Mouse Box



A traditionally sized box with a host of features, many of which are exclusive to the AF Advance Mouse Box.

- User-friendly locking system
- Detachable lid for ease of servicing and record keeping
- Internal “fins” securely hold the most popular blocks on the market
- Feet on base will help to keep the Advance above water
- Fits onto the AF Insect Monitoring system to form an Integrated Monitoring/Control System
- Can be used with the AF Bait Box Security Shoe. The shoe allows the box to be secured to walls and floors.
- Has asymmetrical internal baffles – preventing access by human fingers
- Protected lock enhancing tamper resistance
- Optional extra liner available for loose grain bait and wax bait
- Optional bait rods to secure pasta baits
- Combined key/cleaning brush available as optional extra
- Corporate printing available

## THE AF ADVANCE MOUSE BOX

Model	Color	Quantity
ADV100BLA	Black	Box of 100
ADV100WHI	White	Box of 100
ADV100GRE	Green	Box of 100
ADV100BLU	Blue	Box of 100

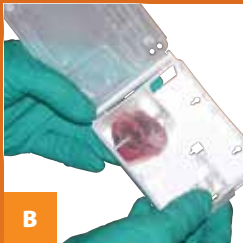
## AF® Mouse Box Accessories



A

### A. AF® BAIT SHOE

This bait shoe is used to secure the AF Advance Mouse box, AF Discreet and AF Snappa.



B

### B. AF® ADVANCE MOUSE BAIT ROD

A bait rod to fit inside the AF Advance Mouse Box so that Pasta bait can be securely fixed.



C

### C. AF® ADVANCE MOUSE BOX LINER

This small plastic liner fits exclusively into the AF Advance Mouse Box and accommodates loose grain bait and wax bait. The AF Advance Liner makes cleaning easier.



D

### D. AF® MOUSE BOX – CABLE FIXING

Both the AF Advance and AF Discreet can be held in place using 1.2mm birdwire (NET149) and you will need crimps (NET073) and crimping pliers (BIR018). Leave enough wire to allow the box to be lifted and serviced during inspection, usually 40-50cm.



E

### E. THE AF® BRUSH KEY

A handy brush in food grade blue nylon with the AF Key attached/installed to the end. This convenient brush is ideal for cleaning loose debris and dust from bait boxes and allows more purchase when opening boxes in the cold!

AFMSHOE	ADVRODS	ADVLINER	WIRE1.2MMSTST100M	100 metres	AFRBRUSH
Box of 50	Box of 50	Pack of 250	FERCOPPER1.2MM	Pack of 100	Each

## MOUSE BAIT STATIONS



## A AF® ADVANCE MOUSE BOX

Larger and more enticing to mice, the 'AF Advance' is modelled on its predecessor the 'AF Discreet'. The first mouse box that can secure pasta bait on an optional bait rod. Supplied with 100 date/inspection labels and 1 plastic key. **Personalisation available, initial screen costs . Printing cost: 200-400 stations =10 pence per station. 500+ stations =6 pence per station**

ADV100BLA	Box of 100	Black	
ADV100WHI	Box of 100	White	
ADV100GRE	Box of 100	Green	
ADV100BLU	Box of 100	Blue	
ADVLINER	Pack of 250 liners		
AFMSHOE	Box of 50 AF Shoe		
AFPLASTKEY	Plastic key		
AFMLABELS	Pack of 50 labels		
AFRBRUSH	Brush/key		
ADVRODS	Pack of 50 bait rods		

## B AF® SNAPPA®

A compact trap mouse bait box that allows a mouse trap to be used inside the box. Bait rods are available as an optional extra. Supplied with inspection labels and an AF plastic Key.

AFSBLKBLK	Box of 15	Black lid/Black base	
AFSCLECLE	Box of 15	Clear lid/Clear base	
AFSRODS	Box of 15	Bait rods	

## C NO. 7 - MOUSE BAIT STATION

A tamper-resistant plastic mouse bait station, ideal for use with wax blocks. **Personalisation available on minimum order quantity of 5 x 100 (screen).**

7UK100B	Box of 100	Black	
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## D PULSE MOUSE IQ STATION

Bell sensing technology. Te Bell IQ range comes with a fully intergrated battery, proprietary sensor and antenna, that is water ans weatherproof.

PULSEMSEIQ6	Pack of 6		
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## E NO. 4 - CARDBOARD BAIT BOXES

A cost effective and convenient way to present a wide variety of rodenticide formulations. Ideal for use in secure areas where Tamper Resistant Boxes are not required. Internally waxed to be resistant from moisture and absorption from contained bait. Available in multilingual version.

4UK100BOX	Pack of 100		
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## F AF® TUNNEL

A compact and robust bait tunnel with the same outstanding quality of the AF Range. Can hold 2 snap-e mouse traps, and can be used with blocks, grain, pasta sachets and pasta trays.

**Personalisation available, initial plate costs .**

**Printing cost: 10 x 12 (120 stations) = 20 pence per station.**

**Printing cost: 25 x 12 (300 stations) =15 pence per station.**

AFTUNNEL	Box of 12		
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## MOUSE TRAPS



E



F



G



H

**E SNAP-E MOUSE TRAP**

Advanced mouse trap using hygienic and durable materials. The bait is placed in a cup in the middle of a pressure-sensitive plate, which releases a strike bar that has only half the distance to travel of conventional traps, providing a fast, clean kill every time. The trap is set from behind so that fingers do not come below the strike bar.

**SNAPEMSE**

Each

**F TRAPPER MINI REX**

A quick set trap that can be used with one hand. It has a removable bait cup to increase safety and ease of servicing. The open end should be placed towards the wall where the mice run, so that they enter from front or sides.

**TRAPMINREX**

Each

**G HIDDEN KILL MOUSE TRAP**

The Hidden Kill Mouse Trap is an economical choice for pest controllers looking for a discreet option for trapping mice. The trap is designed with a quick, no mess capture and kill mechanism that is an upgrade from the unsightly kill of outdated wooden traps. With a stealthy, low-profile design it blends into a variety of surroundings. Built with a fully enclosed capture area, it keeps the captured mouse hidden inside. The Hidden Kill is a premium quality trap that is built to withstand a variety of environments.

- Easy, no touch disposal
- Two-way entry allows mice to enter from either direction
- Innovative design for optional corner placement
- Removable bait cup for safe and easy baiting

**HIDDENKILLMSE**

Each

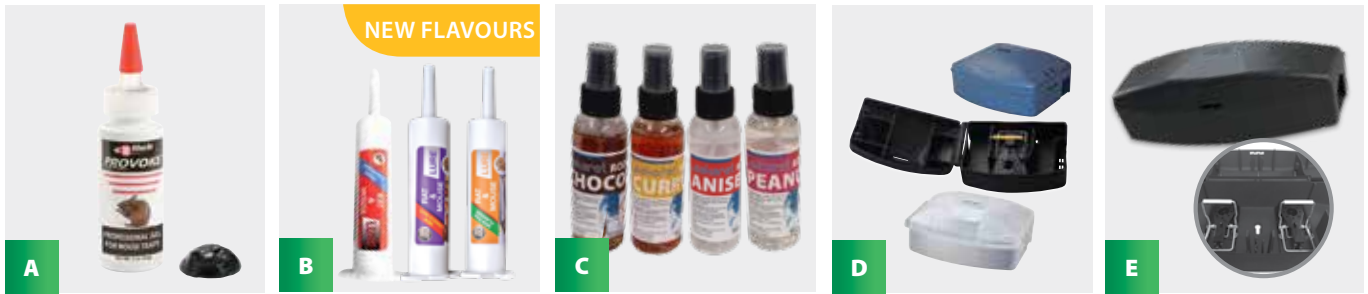
**H CLIP BOX MOUSE TRAP**

The Clip Box Mouse Trap is an easy to set reusable mouse trap made from durable ABS Plastic. The trap has a two-way entry allowing mice to enter from either direction. Simply slide the setting switch backwards to set and then place the trap in areas of activity.

**CLIPMOUSETRAP**

Each

MOUSE TRAPS



**A PROVOKE GEL FOR MOUSE TRAPS**

Even the most finicky mouse will have a hard time resisting Bell's mouse trap gel, Provoke Professional Gel for Mouse Traps. Developed by the same experts that formulate Bell's highly effective baits, Provoke is a mouse trap gel specifically developed for mice. Non-toxic and hypoallergenic, Provoke is especially useful in accounts where food products to draw rodents to the trap, such as peanut butter, are prohibited. Provoke can easily be dispensed on any type of mouse trap using the conveniently-sized 2 oz./56g squeeze bottle with nozzle. This water soluble gel won't stain carpets or clothing.

**PROVOKE2OZ** 1 x 2oz (56g) Bottle

**B RAT AND MOUSE LURE**

Rat and Mouse Lure is a blend of food-grade material and oil designed specifically for trap shy rats and mice. The long lasting formula is non-toxic and has no known allergens. For use with any device such as glueboards, live traps and snap traps. Now available in 3 flavours:

- Bacon
- Choconut
- Fish

<b>BACONLURE30ML</b>	1 x 30ml
<b>CHOCOLURE30ML</b>	1 x 30ml
<b>FISHLURE30ML</b>	1 x 30ml

NEW  
NEW

**C SAKARAT RODENT LURE**

Sakarot Rodent Lure - use as a bait on its own or as a fragrance to disguise the odour of new boxes and human interaction. When applying the spray, both rats and mice are less cautious to approach boxes. Available in 100ml bottles, in 4 flavours:

- Aniseed
- Peanut
- Chocolate
- Curry

<b>SAKANISEED100ML</b>	Aniseed
<b>SAKPEANUT100ML</b>	Peanut
<b>SAKCHOC100ML</b>	Chocolate
<b>SAKCURRY100ML</b>	Curry

**D AF® SNAPPA®**

A compact trap mouse bait box that allows a mouse trap to be used inside the box. 15 bait bars are available (optional extra) so that bait blocks can be used. Supplied with inspection labels and an AF plastic key. **SNAP-E TRAPS SUPPLIED SEPARATELY**

<b>AFSBLKBLK</b>	Box of 15	Black lid/Black base
<b>AFSCLECLE</b>	Box of 15	Clear lid/Clear base
<b>AFSRODS</b>	Box of 15	Bait Rods

**E AF® TUNNEL**

The AF Tunnel has been updated, whilst still retaining it's compact and robust qualities. The updated design features a new key and locking mechanism. The new design allows two mouse traps to be fitted, without obstructing the run through. **SNAP-E TRAPS SUPPLIED SEPARATELY**

Personalisation available, initial plate costs .

Printing cost: 10 x 12 (120 stations) = 20 pence per station.

Printing cost: 25 x 12 (300 stations) =15 pence per station.

**AFTUNNEL** Box of 12



RAT BAIT STATION



A

# S/C Steel rat bait stations

**A versatile steel bait box suitable for outdoor use**

**It accommodates most bait formulas, i.e. blocks, loose grain with tray and snap traps**

**Top steel locking mechanism with a steel key supplied with boxes**



<b>A</b>	<b>S/C STEEL RAT BAIT STATIONS</b>
<b>MET01</b>	
<b>MET02</b>	



# AF<sup>®</sup> Amicus



Scan the QR code to see the AF<sup>®</sup> Amicus video.

## Wildlife Conscious Rat Control

RODENT CONTROL



- Species-specific bait station
- Reduces risk of non-target species entrance
- Allows rodenticides to be used, with lower risk, in all suitable areas
- Reduces risk when using traps
- Stops slug and snail damage to rodenticides
- Reducing risks to wildlife should be considered as part of an Environmental Risk Assessment



The unique downward facing tubes naturally attract rats and allow them to climb up into the box, giving access to the rodenticides or traps inside.



AF<sup>®</sup> Amicus accommodates many bait formulations and can also be used with break-back rat traps if required.



Readily accessible by the technician and with a removable door that also acts as a useful shelf, AF<sup>®</sup> Amicus will hold many of the usual types of rodenticides and traps.

## The new wildlife conscious rat box from Killgerm<sup>®</sup>

### THE AF<sup>®</sup> AMICUS

AFAMICUS

Pack of 4



# AF® Fortis



Scan the QR code to see the AF® Fortis video.

## Thinking 'inside' the box!



SNAP TRAP



SAKARAT D LIQUID BAIT



BLOCK BAIT AND PASTA SACHETS



FRESH BAIT TRAYS OR GRAIN BAIT

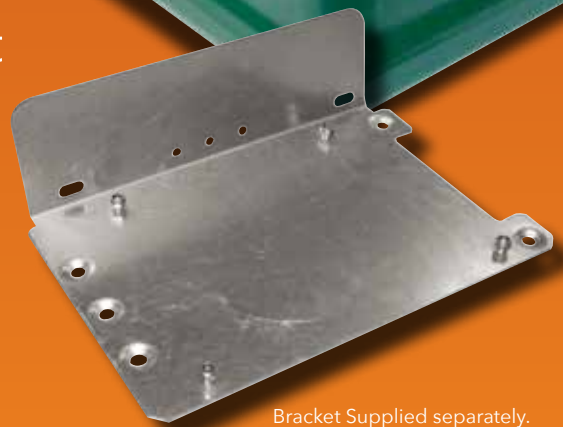
## Versatility is the key

The robust metal key for the AF® Fortis is supplied separately.



## A strong and intelligent metal bait box with the same outstanding quality of the AF® range.

- High quality steel bait station.
- Robust one-piece removable plastic liner accommodates all bait formulations - pasta, loose grain, blocks, liquid bait, as well as snap traps including Snap-e and Trapper T-Rex.
- Four metal rods supplied with each box can be used in both horizontal and vertical positions.
- Top key entry with hinged lid provides quick and easy servicing.
- Available in black or green and powder coated in a very high-quality, matt finish.
- Raised entrance holes and ramps on the robust one-piece liner help to keep the box weatherproof.
- Corporate printing available.
- Compatible with the AF® Ground Anchor for use on soft ground.



Bracket Supplied separately.

### THE AF® FORTIS

AFFORTISBLK	Black Station	Each	
AFFORTISGRE	Green Station	Each	
AFFORTISKEY	Key	Each	
AFFORTISBRACK	Bracket	Each	



# AF<sup>®</sup> Rat Box

THE MOST VERSATILE RAT BOX ON THE MARKET, THE AF<sup>®</sup> RAT BOX HAS MANY UNIQUE FEATURES.

- Detachable lid for ease of servicing and record keeping
- Removable lid makes cleaning easier
- Unique locks for added security
- Front facing locks reduce the risk of blockage from debris
- Several securing options available aiding due diligence
- All common formulations can be used allowing a wide choice of rodenticides
- Can be used with break-back traps.
- Protected lock enhancing tamper resistance
- Tripod foot configuration aids stability
- Drainage barriers in the entrance of the tunnel together with additional drainage holes mean that the box is now even more water resistant
- Ribs have been extended down from the lid to interface with the internal walls. This enhances tamper resistance and adds to the box's strength
- Enlarged rod support lugs on the inside of the lid to provide a more positive capture area for vertical rods
- Horizontal metal bait rod will hold the most popular bait blocks securely in place
- Dimensions H: 105mm x W: 355mm x D: 255mm
- Corporate printing available

## THE AF<sup>®</sup> RAT BOX

<b>AFRATBOX</b>	Box of 6	
<b>AFRLINER</b>	Pack of 24	

# AF<sup>®</sup> Atom

ALL GOOD THINGS COME IN SMALL PACKAGES

This small and compact, stackable bait box offers a high quality, affordable alternative to larger bait boxes

- Versatile – can use a break back trap or block baits either vertically or horizontally
- Stackable design for ease of storage and transportation
- Tamper resistant box
- Single AF lock – accessible from the front to stop debris build up in the lock
- Sloping entrance tunnel to help prevent water ingress
- Detachable lid for ease of inspection & record keeping
- Combined key/cleaning brush available as optional extra
- **Dimensions: W: 265 mm x H: 100 mm x D: 190 mm**

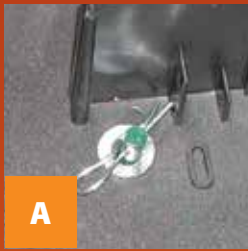


Simply cut out the inspection slot using a sharp knife.

## THE AF<sup>®</sup> ATOM

<b>AFATOMBLK</b>	Box of 8	
<b>AFALINER</b>	Pack of 40 liners	
<b>CABLEVEL98MM</b>	Pack of 100 (98mm x 2.5mm)	

## AF RAT / ATOM BOX ACCESSORIES



### A. AF® RAT BOX – BAIT STATION ANCHOR

Ideal for fixing the rat box into soft ground, it can be hammered into position using one of the pre-drilled holes in the base.

<b>STATANCH</b>	Each	
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### B. BAIT BOX PAD

The bait station self adhesive pad is a quick and easy solution for the anchorage of bait boxes at a fixed location both indoors and outdoors. The self adhesive pad will also stick to porous surfaces such as bricks. Just peel off the paper protecting the sticky surface, place the pad at the desired location and press firmly for 10-20 seconds. Using the recommended cable fixing (1.2 mm bird wire and crimps), attach the bait station to the pad.

<b>BAITBOXPAD</b>	Pack of 100	
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### C. AF® RAT BOX – CABLE FIXING

When fixing brackets are not appropriate, this quick and easy fixing method is ideal. Attach one end of 1.2mm stainless steel wire rope (NET149) to the bait box as indicated and attach the other end to a wall, fence etc. (you will need crimps (NET073) and crimping pliers (BIR018) for this fixing method. See bird section of this catalogue). Leave enough wire to allow the box to be lifted and serviced during inspection, usually 40-50cm.

<b>WIRE1.2MMSTST100</b>	1.2mm Wire rope	100 metres	
<b>FERCOPPER1.5MM</b>	1.5mm Copper ferrules	Pack of 100	
<b>CRIMPTOOL</b>	Crimping pliers	Each	



### D. THE AF® BRUSH KEY

A handy brush in food grade blue nylon with the AF Key attached/installed to the end. This convenient brush is ideal for cleaning loose debris and dust from bait boxes and allows more purchase when opening rat boxes in the cold!

<b>AFRBRUSH</b>	Each	
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### E SNAP-E RAT TRAP/TRAPPER T-REX

Can be used in the AF Rat Box for a quick kill of a single rat.

<b>SNAPERAT</b>	Each	
<b>TRAPPTREX</b>	Each	





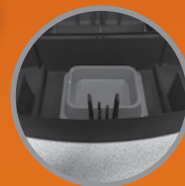
# AF<sup>®</sup> Tunnel



NEW  
DESIGN

## SMALL, LOW-PROFILE AND DISCREET

- Small, low-profile and discreet.
- A compact and robust rat bait tunnel with the same outstanding quality of the AF<sup>®</sup> range.
- New design key locking system for increased security.
- This versatile tunnel can be used with blocks, grain, pasta, pasta trays and can hold two Snap-E Mouse Traps.
- The new bait bar is attached inside the lid, favouring the natural feeding behaviour of rodents.
- The lid can be removed completely for better access.
- Locator key hole in base.
- Corporate printing available.
- Dimensions: W: 130 mm x H: 111 mm x D: 320 mm.



### BOX OF 12

#### THE AF<sup>®</sup> TUNNEL

AFTUNNEL	Box of 12	
AFTUNNKEY	Each	



# AF<sup>®</sup> Underground



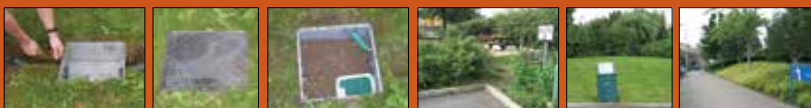
The AF Underground bait box brings together all the superb features associated with the AF Range but offers you versatility, security and discretion that no other bait box offers. The AF Underground enables the most natural environment for feeding, as the box should be buried in the ground and the inside can be lined with soil, creating a natural flooring. Up to four access points offer additional entrance and escape routes for nervous rodents.

- Discreet box – designed to be buried, whilst the lid has the appearance of a drain cover
- Secure Tamper Resistant Box
- Strong and resilient against environmental pressures
- Versatile – the length of the entrance tunnel can be

- adjusted to suit your needs
- All baits can be used with retaining bars supplied to secure block baits
- Box can be secured using ground anchors or can be cemented in place where the installation is intended to be permanent
- Designed to sit on gravel with holes in the base to assist drainage and therefore assist in keeping bait fresh
- Spring loaded lid to aid servicing
- 1 metre of pipe supplied with box. Additional pipe can be purchased
- Discreet and secure for public areas ie. grass and shrubbery areas around shopping centres



Possible locations for the AF Underground Rat Box



Dimensions: 36cm x 36cm x 13.5cm

AFUNDBOX	Each	
AFUNDHOSE	Per metre length of hose	
AFUNDDRIVE	T-30 Driver Tool	



VIDEO AVAILABLE ONLINE  
[www.killgerm.com](http://www.killgerm.com)  
 GOT A SMART PHONE  
 Visit your app store to find a barcode reader for your device

# AF<sup>®</sup> Tyre-Baiter



IDEAL FOR USE ON FARMS AND LANDFILL SITES

- Encourages communal feeding
- Increases uptake of bait by providing a natural feeding area
- Protects bait from larger non-target animals
- Environmentally responsible design - Reusing old tyres
- Maximum diameter of tyre: 640mm (tyre not supplied)

PLEASE NOTE THAT BAIT RODS ARE SOLD SEPARATELY



TYREBAITER	Each	
TYREBAITROD	Each (Stainless Steel) bait rod	

## RAT BAIT STATIONS



## A AF® RAT BOX

The most versatile rat box on the market, this addition to the AF Range has many unique features and benefits. These include a detachable lid for ease of servicing and record keeping, ability to use all common formulations of rodent bait, and drainage barriers and drainage holes even more water resistant.

**Personalisation available, initial plate costs .**

**Printing cost: 6 x 6 (36 stations) = cents per station.**

**Printing cost: 36 x 6 (216 stations) = cents per station.**

<b>AFRATBOX</b>	Box of 6	
<b>AFRLINER</b>	Pack of 24 liners	

## B AF® ATOM

A small and compact bait box that offers a high quality, affordable alternative to larger bait boxes. An optional inspection slot features in the lid of the AF Atom. This enables pest controllers to see at a glance if the trap has been triggered making inspections quicker and easier. The slot can be easily cut out of the lid following the impressed moulding with a sharp knife. Additional brightly coloured cables ties can be purchased which makes identification of triggered traps easier to detect from a distance.

**Personalisation available, initial plate costs .**

**Printing cost: 6 x 8 (48 stations) = 20 pence per station.**

**Printing cost: 25 x 8 (200 stations) = 15 pence per station.**

<b>AFATOMBLK</b>	Box of 8	
<b>AFALINER</b>	Pack of 40 liners	

## C AF® TUNNEL

A compact and robust bait tunnel with the same outstanding quality of the AF Range. Can hold 2 snap-e mouse traps, and can be used with blocks, grain, pasta sachets and pasta trays.

**Personalisation available, initial plate costs .**

**Printing cost: 10 x 12 (120 stations) = 20 pence per station.**

**Printing cost: 25 x 12 (300 stations) = 15 pence per station.**

<b>AFTUNNEL</b>	Box of 12	
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## D AF® FORTIS

A high quality steel bait station, featuring a removable plastic liner that accommodates all bait formulations - pasta, loose grain, blocks, liquid bait, and snap traps. Four metal rods supplied with each box can be used in both horizontal and vertical positions. Top key entry with hinged lid provides quick and easy servicing. **An outer contains 6 stations.**

**Personalisation available, initial plate costs .**

**Minimum quantity for personalisation is 24 stations.**

<b>AFFORTISBLK</b>	Black Station	Each	
<b>AFFORTISGRE</b>	Green Station	Each	
<b>AFFORTISKEY</b>	Key	Each	
<b>AFFORTISBRACK</b>	Bracket	Each	

## E AF® MULTIS TRAPPING STATION

The AF Multis is a multi-purpose trapping station that can be used with a wide range of traps, including: Goodnature A24, Goodnature A18, Fenn MK4, Magnum 110/116, and a range of snap traps. It can also be used with a range of rodenticide formulations.

**Personalisation available, initial plate costs .**

**Printing cost: 8 x 4 (32 stations) = 20 pence per station.**

<b>AFMULTIS</b>	Box of 4	
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RAT BAIT STATIONS



**F AF® UNDERGROUND BAIT STATION**

A discreet, underground bait station that is tamper resistant and is made from Zintec coated steel. Designed to be buried, with the lid having the appearance of a drain cover. Extra lengths of the entrance hose are available. **Key/tool sold separately.**

<b>AFUNDBOX</b>	Each	
<b>AFUNDHOSE</b>	Per metre length of hose	
<b>AFUNDDRIVE</b>	T-30 Driver Tool	

**G PULSE RAT IQ STATION**

Bell sensing technology. The Bell IQ range comes with a fully intergrated battery, proprietary sensor and antenna, that is water and weatherproof.

<b>PULSERATIQ6</b>	Box of 6	
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**H PROTECTA EVO EDGE**

PROTECTA EVO Edge is a versatile rodent bait station that is easy to use and service. The station opens and locks quickly with Bell's EVO key. The built-in service record card holder, side-opening design and rounded interior walls make servicing fast, maximising technician productivity. The station has a large bait capacity holding up to eight 28g Blox securely inside the station and comes with vertical securing rods. Designed for more than just bait, PROTECTA EVO Edge also accommodates two TRAPPER Mini T-Rex mouse snap traps, or a TRAPPER T-Rex rat snap trap, which can be set forward in the runway. Technicians can swiftly adjust baiting or trapping tactics, without having to switch out their equipment. Made from 100% recycled, heavy duty injection-molded plastic. Rear mounting holes allow station to be secured to a fence.

<b>PROTEVOEDGE</b>	Box of 6	
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**I PROTECT® LANDSCAPE RAT BAIT STATION**

A side-opening rodent bait station that blends into the surrounding landscape, ideal for when discretion is key. 4 vertical bait securing rods hold 8 - 28g Blox or 4 - 225g Blox. The single lock opens with the EVO Bell key. Accommodates snap traps and is available in 2 different colours.

<b>PROTLANGR</b>	Box of 4	Granite	
<b>PROTLANSA</b>	Box of 4	Sandstone	

**J PROTECTA® EVO AMBUSH RAT BAIT STATION**

Made from heavy duty injection-moulded plastic, this low-line station can be used with both baits and a Trapper T-Rex trap. A new unique key and locking system allows for quick servicing and the removable tray enables easy cleaning.

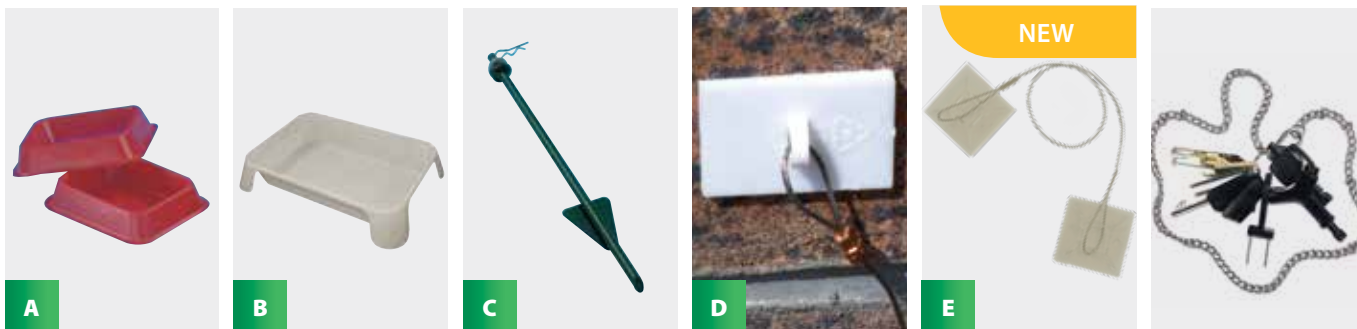
<b>PROTAMBUSH</b>	Box of 6	
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**K PROTECTA EVO TUNNEL**

An economical and versatile way to protect traps at accounts. Can be used indoors or outdoors, and can be secured to fences or pipes via cable ties in both the vertical and horizontal position. Provides tamper-resistant coverage of a variety of rat and mouse traps. The Evo Tunnel can also provide cover for mouse sized products such as two Mini-Rex mouse snap traps, two Trapper® Mouse glue trays or two Trapper® Max glue boards. Opens and locks quickly with Bell's Evo key.

<b>PROTECTUNNEL</b>	Box of 6	
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## BAIT TRAYS &amp; FIXINGS

**A NO.2 - SMALL OBLONG (85MM X 65MM X 21MM DEEP) RED**

These useful trays made from recycled High Impact Polystyrene (HIPS) can be used to present a wide range of rodenticides including grain, seeds, rolled oats, and pellets.

**TRAYNO2S0** Pack of 100

**B NO.3 - LARGE OBLONG (145MM X 94MM X 30MM DEEP) WHITE**

Our innovative new bait tray has an improved stable design which reduces the risk of being tipped over and feed being wasted. The robust and durable tray is made from polypropylene which is easy to clean and likely to be more acceptable to a feeding rodent.

**TRAYNO3L0** Pack of 100

**C BAIT STATION ANCHOR**

For securing tamper resistant bait stations to soft ground. Ingenious split pin allows removal of station for cleaning, only when station is opened with key.

**STATANCH** Each

**D BAIT BOX PAD**

The bait station self adhesive pad is a quick and easy solution for the anchorage of bait boxes at a fixed location both indoors and outdoors. The self adhesive pad will also stick to porous surfaces such as bricks. Just peel off the paper protecting the sticky surface, place the pad at the desired location and press firmly for 10-20 seconds. Using the recommended cable fixing (1.2 mm bird wire and crimps), attach the bait station to the pad.

**BAITBOXPAD** Pack of 100

**E BAIT STATION TETHERS**

NEW

A quick and easy, ready to use solution for securing bait boxes. The self-adhesive pad will stick to any surface. Each length of 50cm stainless steel wire is fixed to two sticky pads.

**BAITTETHER10** Pack of 10

**F BAIT BOX KEY SET**

A set of keys for use with the most popular bait stations, including:

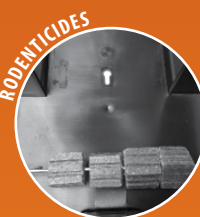
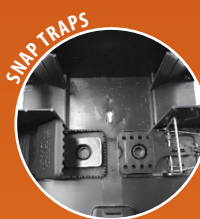
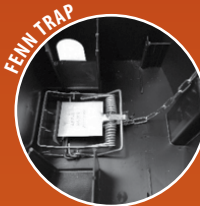
- AF Range
- AF Fortis
- No7 Mouse Box
- Protecta Evo Key
- Protecta LP Key

Also included is an 85cm stainless steel chain.

**KEYBOXSET** Each



# AF<sup>®</sup> Multis Trapping Station



The AF<sup>®</sup> Multis is a multi-purpose trapping station that can be used with a wide range of traps, including: Goodnature<sup>®</sup> A24, Goodnature<sup>®</sup> A18, Fenn MK4, Magnum 110/116, and a range of snap traps.

It can also be used with a range of rodenticide formulations including blocks, loose grain, pasta sachets and fresh bait trays. The detachable lid allows for ease of servicing and three optional inspection slots allow the pest controllers to see at a glance if traps have been triggered. The new style AF key and lock allow for quick but secure access. The station can be secured using the bait station anchor, locator key hole in base or tethered using cable fixings.

THE AF <sup>®</sup> MULTIS	
AFMULTIS	Pack of 4



## RAT TRAPS



A



B



C

**A BIG SNAP-E RAT TRAP**

The larger version of the Snap-E specially adapted for rats with a much stronger spring and holes in the base plate for securing. Big Snap-e rat traps are made of durable ABS plastic and steel. They resist stains and odours common in old fashioned wooden traps, are easy to clean, and can be reused for years of service.

**SNAPERAT**

Each

**B TRAPPER T-REX**

The trap is a perfect combination of trigger sensitivity and trap velocity. Safer and easier to use, the Trapper T-Rex can be readily set by foot safely on the ground. Press the trap open like a pedal, keeping fingers free and safe. The Trapper T-Rex includes a removable bait cup which greatly enhances safety. You can use Trapper T-Rex along a rat pathway or you can insert it into a tamper-resistant bait station.

**TRAPPTREX**

Each

**C T-REX RAT IQ**

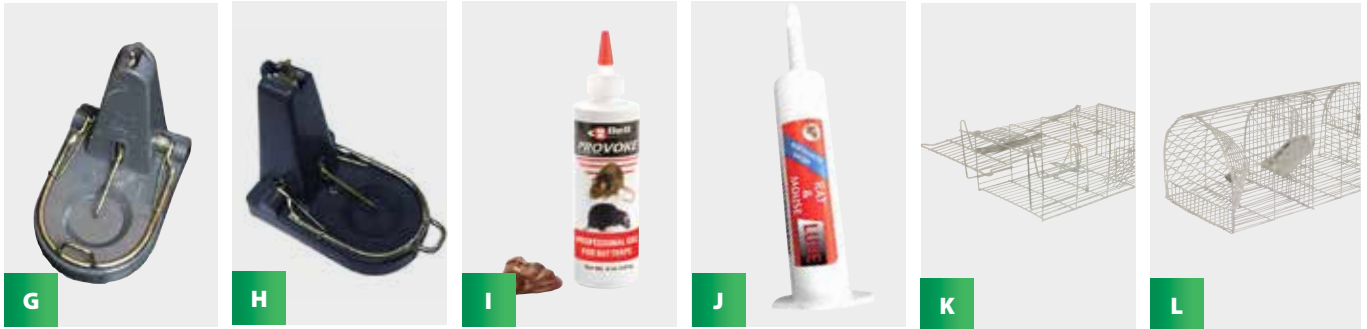
Bell sensing technology. The Bell IQ range comes with a fully intergrated battery, proprietary sensor and antenna, that is water ans weatherproof.

**TREXIQRATTRAP**

Each



## RAT TRAPS

**G BLACK CAT RAT TRAP**

The Black Cat Rat Trap is an easy to set, powerful break back trap. The trap is made from plastic and has a galvanised steel killing bar. Bait must be placed under the trigger hook before setting. We recommend that this trap is used in the AF Multis Trapping Station to reduce the risk of catching non target species.

**BLACKCATTRAP** Each

**H NANO BLACK CAT RAT TRAP**

The Nano Black Cat is an easy to set, powerful break back trap. Made from plastic with a galvanised steel killing bar. We recommend that the trap is used in the AF Multis Trapping Station or the AF Amicus to reduce the risk of catching non target species. Its smaller size will also allow its use in safe restricted areas. For example, to the rear of kick-boards on kitchen units. Bait must be placed under the trigger hook before setting.

**BLACKCATNANO** Each

**I PROVOKE GEL FOR RAT TRAPS**

Provoke Professional Gel for rat traps is a food-based gel that has been specifically designed to meet the unique behavioural characteristics of rats. Since rats are driven more by scent than taste, Provoke for rats contains a unique blend of scents that Norway and roof rats find enticing. Provoke can be dispensed easily onto any rat trap via its convenient 8 oz./224g squeeze bottle. Like its mouse counterpart, Provoke Professional Gel for rat traps is hypoallergenic; it can be used in sensitive areas where food products to draw rodents to the trap, such as peanut butter, are prohibited. It is also water soluble so it won't stain carpets or clothing.

**PROVOKE80Z** 1 x 8oz (228g) bottle

**J BACON RAT AND MOUSE LURE**

Bacon Rat and Mouse Lure is a blend of food-grade material and oil designed specifically for trap shy rats and mice. The long lasting formula is non-toxic and has no known allergens. For use with any device such glueboards, live traps and snap traps.

**BACONLURE30ML** 1 x 30ml

**K KC73 RAT TRAP**

A neat single catch trap for removal of rats in domestic, commercial and agricultural application.

Constructed from 12swg welded mesh.

Zinc-plated finish. Weight 0.8 kilos.

**KC73TRAPS** 355mm x 203mm x 178mm

**L KC74 MULTI-CATCH RAT TRAP**

A tried and tested traditional design. 1/2 round with flat bottom and funnel entrance.

Constructed from 15swg welded mesh. Zinc-plated finish. Weight 1.0 kilos.

**KC74TRAPS** 406mm x 203mm x 178mm

# Goodnature A24 Rat & Stoat Trap



- The Goodnature A24 Trap is a CO<sub>2</sub> powered, multiple kill device, suited to a number of environments including roof spaces, woodlands, industrial sites and farms.
- The trap is easy to install, maintain and will automatically reset 24 times per CO<sub>2</sub> canister.
- Each kit is supplied completed with a long-life lure, 2x CO<sub>2</sub> canisters, 3 rodent detector cards and instructions for use.
- The Goodnature A24 Trap is fitted with an automatic counter. The counter is used to notify how many rodents have been caught in the event of them being moved after being killed.
- Now available is the AF Multis Trapping Station, that allows the Goodnature A24 Trap to be housed inside.
- Cleared for use against mice and weasels.

GOODA24COUNTERKIT Each

## REPLACEMENT CO<sub>2</sub> CARTRIDGES

GOODNATCART10 Pack of 10



## SAFETY TUNNEL

GOODA24TUNNEL Each



## REPLACEMENT ATTRACTANT/LURE (CHOCOLATE)

GOODNATLURE Each



## LURE POUCH (CHOCOLATE)

GOODPOU200CHOC Each



## STAND

GOODNATSTAND Each



## AF® MULTIS TRAPPING STATION

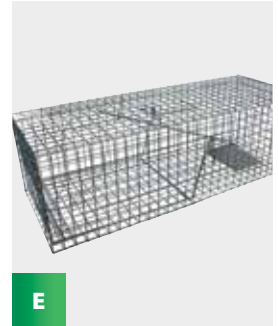
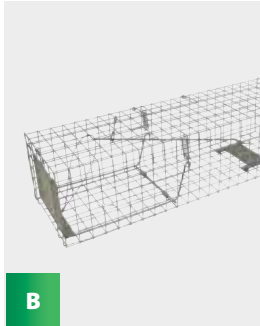
AFMULTIS Pack of 4



**SQUIRREL CONTROL**

**RABBIT CONTROL**

**CAT CONTROL**



**A FENN TRAP (MK4)**

A traditional sprung trap with treadle trigger mechanism for the control of grey squirrels and rats. Care should be taken to avoid trapping non-target species by placing in covered runs or burrows or by using a suitable artificial tunnel.

**FENNTRAP4**

Each

**B KC71 SQUIRREL / MINK TRAP**

A single catch trap for removal of a variety of animals, including squirrels or mink. A unique door-pull wire aids trap setting and removal of the specimen. Constructed from 25mm x 25mm (1" x 1") 12swg welded mesh. Zinc-plated finish. Weight 1.3 kilos.

**KC71TRAPS**

584mm x 178mm x 153mm

**C KC75 RABBIT TRAP**

A single catch, heavy welded mesh trap to MAFF specifications. The cage is made from a single piece of mesh and welded closed with no sharp points or additional clips. Constructed from 25mm (1") square 12swg welded mesh with Zinc-plated finish. Weight 3 kilos.

**KC75TRAPS**

737mm x 254mm x 254mm

**D FENN TRAP (MK6)**

A larger version of the MK 4 trap for use in controlling rabbits, grey squirrels, weasels, rats and mink. The same precautions with regard to non-target species should be observed.



VIDEO AVAILABLE ONLINE  
[www.killgerm.com](http://www.killgerm.com)

GOT A SMART PHONE  
Visit your app store to find a barcode reader for your device

**FENNTRAP6**

Each

**E KC76 CAT TRAP**

A single catch, heavy welded mesh trap with a two-spring trip plate for efficient capture. Unique door-pull wire allows easy setting and aids in the humane removal of the animal from the trap. Constructed from 25mm x 25mm (1" x 1") 12swg welded mesh. Zinc-plated finish. Weight 3 kilos.

**KC76TRAPS**

736mm x 280mm x 254mm



# RatMat



VIDEO AVAILABLE ONLINE  
[www.killgerm.com](http://www.killgerm.com)  
 GOT A SMART PHONE  
 Visit your app store to find a  
 barcode reader for your device

**RatMat is an innovative, humane and cost effective solution to protect property from rodents.**

Using the principles of an electric fence, the RatMat tiles can be used as a long term solution to prevent rats and mice causing expensive damage to property such as motor vehicles. The RatMat is safe, scalable and transportable and doubles as a hardwearing floor surface.

The main safety feature of the RatMat is the low energy pulse it uses. This is dramatically less powerful than a standard electric fence.

Each RatMat tile measures:  
 310mm x 310mm x 12mm.

## RATMAT TILES

**RATMAT TILE10**

Pack of 10



## RATMAT EDGES

**RATMAT EDGE25**

Pack of 25



## RATMAT CORNERS

**RATMAT CORN10**

Pack of 10



## RATMAT ENERGISER (AND CONNECTIONS)

**RATMATENERUK**

Each



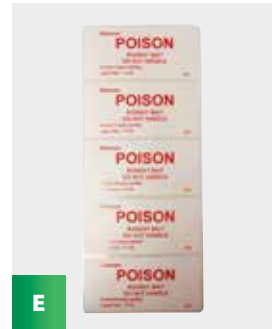
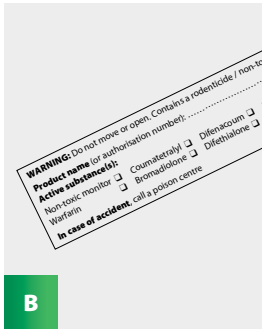
## A4 WARNING SIGN

**RATMATA4WARN**

Each



LABELS / SIGNS



**A RODENTICIDE WARNING SIGN**

This reusable rodenticide warning sign ensures that the pest control technician complies with current legislation when using rodenticides in public areas/open areas. The Rodenticide Warning Sign has space to write the details of the pest control provider, baiting period, areas baited, contact numbers and the rodenticide used. The sign also includes a warning notice of the risk of both primary and secondary poisoning by anticoagulants, as well as the first aid measures to be taken in the event of an accident. The sign is made from 2mm PVC Foamex measuring 210 x 148mm. Each pack contains 25 pre drilled signs that are quick and easy to attach to posts, fences or trees in a variety of outdoor baiting situations.

**WARNSIGN25** Pack of 25

**B BAIT STATION WARNING STICKER**

Rodenticide labels now refer to a requirement for labelling bait stations with certain information. To make life simpler for pest controllers, Killgerm have produced a new 'Bait Station Warning Sticker'. This sticker contains the required information and can be affixed to the outside of mouse and rat bait stations. The sticker is waterproof, resistant to UV-light and can be written on with permanent marker pens or ballpoint pens. Measures 90mm x 25mm.

**BAITSTATWARN** Pack of 100

**C WALL PLAQUES**

Wall plaque signs measuring 80mm x 110mm, printed black on 1mm thick hi-impact styrene.

**WALLPLAQUE** Pack of 25

**D DANGER POISON WARNING LABEL**

A yellow and black label with a high tack adhesive and excellent UV and water resistant features, measuring 11cm x 7.8cm. For use in buildings, on vehicles or wherever a poisonous substance is present.

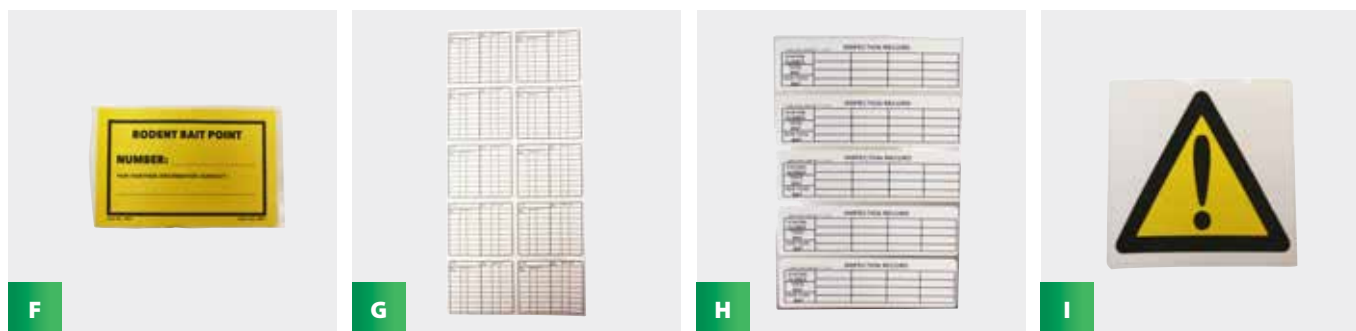
**LABELDP1** Pack of 50

**E POISON RODENT BAIT DO NOT HANDLE LABEL**

A red and white label with high tack adhesive, measuring 7.6cm x 3.6cm. Can be used as an additional high impact warning label on bait stations.

**LABELP1** Pack of 100

## LABELS / SIGNS

**F RODENT BAIT POINT NUMBER LABEL**

A yellow and black label with high tack adhesive and excellent UV and water resistant features, measuring 11.6cm x 8cm. Perfect for identifying baiting / monitoring points when carrying out pest control inspections.

**LABELRBP1** Pack of 100

**G AF BAIT STATION INSPECTION RECORD LABEL**

A black and white label with high tack adhesive, measuring 6cm x 5cm. A perfect solution for recording pest control inspections when using the range of AF boxes.

**AFMLABELS** Pack of 50

**H BAIT STATION INSPECTION RECORD LABEL FOR NO7 MOUSE BOXES**

A black and white label with high tack adhesive, measuring 10cm x 3cm. A perfect solution for recording pest control inspections in tamper resistant bait stations.

**LABELN07** Pack of 100

**I HAZARD WARNING LABEL**

A yellow and black label with high tack adhesive and excellent UV and water resistant features, measuring 10cm x 10cm. Perfect for alerting staff, visitors and emergency response teams to a potential safety hazard. For use in buildings and on vehicles.

**LABELEXCL** Each



# Delivering peace of mind

Provide your customers with the  
right pest management solutions

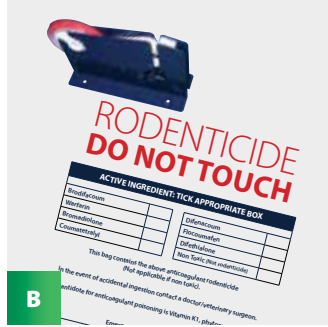
Envu was founded in 2022, a new company built on years of Bayer experience, for the sole purpose of advancing healthy environments for everyone, everywhere.



### ANCILLARY PRODUCTS



**A**



**B**

### ODOUR CONTROL PRODUCTS



**C**



**D**

<b>A</b>	<b>SCOOT FOX REPELLENT</b>	<b>AMATEUR</b>	<b>NC</b>
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**Contains 88% aluminium ammonium sulphate**

Widely acclaimed as the most effective fox repellent on the market Scoot is a patented non toxic formula used to keep foxes away from protected areas. It works by mimicking scent marking odours thus leading any foxes that may be present to vacate the area in the belief that another animal has taken over its territory. Scoot is totally safe for use in gardens, on plants and edible crops and is humane, bio-degradable and very effective. 100g makes upto 18 litres with a coverage of approximately 70m2.

<b>SCOOT100G</b>	1 x 100g	
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<b>B</b>	<b>RODENT BAIT BAGS</b>	
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A clear plastic bag to hold bait securely. Each bag is printed with a warning that rodent bait is held inside. Size = 6 inch x 8 inch. Made from biodegradable plastic.

<b>RODENTBAG</b>	Pack of 1000 bait bags	
<b>RODBAGSEAL</b>	Bait bag sealer	
<b>RODBAGTAPE</b>	Bait bag tape	

<b>C</b>	<b>RODENT DEODORANT</b>	
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**HAZARD INFORMATION:** H226, H317, H414, P210, P233, P242, P261, P272, P273, P280, P302 + P352, P333 + P313, P362, P391, P403, P501

To mask smells arising from inaccessible rodent bodies.

<b>RODDE001L</b>	1 x 1 litre		
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<b>D</b>	<b>ODOUR REMOVER BAG</b>	
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A non-toxic and biodegradable way to remove unwanted smells and odours. Earth Care Odour Remover simply and easily removes the odours caused by dead rats, mice as well as many other odours, including cats and dogs. Place the odour remover bag as close to the source of the smell as possible and it will literally soak up the unwanted smells.

**Dimensions: 260mm x 140mm.**

<b>ODOURBAG</b>	Each	
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**PROOFING**

**BRISTLE STRIP**

Keep out insects, birds and rodents with the Killgerm bristle strip. Correctly fitted to seal gaps around doors and windows, Killgerm bristle strip will help prevent vermin from gaining access to buildings. As an added bonus, it also helps to seal against draught, dust and noise pollution.

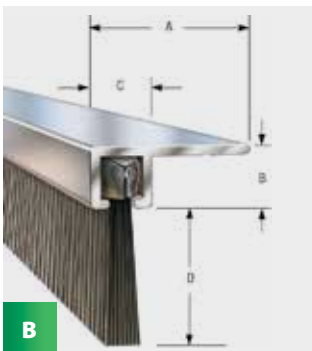
Supplied in 1.0 metre lengths and six trim sizes from 20mm to 150mm, the Killgerm bristle strip gives you the opportunity to offer extra service to your customers by not just eliminating vermin from their premises, but also preventing re-infestation. All Killgerm sections are available with flat (180), 45 or 90 degree angled fixing carrier, suitable for a variety of fixing situations.



**A**

**FLAT FLANGE**

REFERENCE	A	B	C	D	LENGTH	PRICE
(BRISTLE LENGTH)						
2/20-180-1.0	11.0mm	7.0mm	6.7mm	20mm	1.0 metre	
2/34-180-1.0	11.0mm	7.0mm	6.7mm	34mm	1.0 metre	
3/44-180-1.0	13.0mm	8.4mm	8.0mm	44mm	1.0 metre	
4/80-180-1.0	18.0mm	11.0mm	10.5mm	80mm	1.0 metre	
4/102-180-1.0	18.0mm	11.0mm	10.5mm	102mm	1.0 metre	



**B**

**90° ANGLED FLANGE**

REFERENCE	A	B	C	D	LENGTH	PRICE
(BRISTLE LENGTH)						
2/20-90-1.0	17.5mm	6.7mm	6.7mm	20mm	1.0 metre	
2/34-90-1.0	17.5mm	6.7mm	6.7mm	34mm	1.0 metre	
3/44-90-1.0	22.6mm	8.5mm	8.0mm	44mm	1.0 metre	
4/80-90-1.0	28.0mm	10.8mm	10.8mm	80mm	1.0 metre	
4/102-90-1.0	28.0mm	10.8mm	10.8mm	102mm	1.0 metre	



**C**

**BOTTOM DOOR SEAL**

Ready-to-fit Bottom Door Seal.  
 Housed in pre-slotted extruded aluminium fixing carrier  
 Available in 914mm (36") lengths

<b>DOORSEAL26MM</b>	26mm Bristle	
<b>DOORSEAL44MM</b>	44mm Bristle	

## PROOFING

**A RAT TAPE**

Rat Tape is a seriously tough rat and mouse proofing tape that incorporates a stainless steel mesh. Two layers of butyl tape 'sandwich' a dense stainless steel mesh core. It is incredibly flexible, virtually impenetrable and has excellent adhesion to most building materials and may be overpainted to blend with its surroundings. The tape is 50mm wide and is used to cover holes and cracks in all building substrates. For larger defects it can be lapped. Ensure surfaces are clean, dry and free of dust before applying tape. Rat Tape is available in a 5 metre length, and can be simply cut to required length.

**RATTAP5M**

50mm

5 metre length

**B ROLLERSEAL**

A clip on UPVC carrier with brush insert for proofing the vertical guide rails of roller shutter doors, typically used on warehouses, industrial units, etc. Together with the Bumperseal, the Rollerseal provides a complete proofing system for roller shutter doors.

**ROLLA1.5M**

1.5m length

**C BUMPERSEAL**

A rubber seal that clips straight onto the bottom bar of a roller shutter door, providing an effective seal even onto uneven floors. The Bumper Seal is hollow and designed to squash down, and used for gaps of no more than 15mm. The Bumperseal can be fitted in minutes without any need for tools or additional fixings. Together with the Rollerseal, the Bumperseal provides a complete proofing system for roller shutter doors.

**BUMPER5M**

5 metres

**D FLEXIBLE BRISTLE STRIPS**

- Fitted correctly seals gaps around doors and windows. The flexible bristle strip can impede rodents, birds and insects from entering
- The strip can also prevent draught, dust and noise pollution
- The bristle strip can be secured using screws, glue or profile adhesive wrapping tape

**FLEXIBRUSH20MM**

20mm Bristle

**FLEXIBRUSH40MM**

40mm Bristle

**E RAXIT DOORSEAL ROLL**

The Raxit Door Seal is a convenient 3-meter length proofing seal that can be easily cut to size. It can be used to proof doors, gates and gaps on buildings. The seal when fitted enables you to securely proof the threshold against rodents and other pests. Made from 3.2mm wide flame retardant Santoprene™ this highly flexible and durable material is reinforced with steel wires to stop rodents from chewing through. The seal is corrugated to ensure the steel wires inlaid into the seal do not slide. The seal can be fixed using flat headed screws and an adhesive sealant such as Avisil/Avifix. If required a protection strip can be fitted (Wood, Aluminium, Plastic or Stainless steel) to maintain the look of the proofed area. Width of roll 75mm.

**RAXIT3MROLL**

3 metres

**F RAXIT "QUICK" – REGULAR DOORS & AUTOMATIC SLIDING DOORS**

NEW

A versatile, easy-to-fit system that makes it extremely easy to rodent-proof any entrance door in minutes. The self-adhesive strip makes it perfect for use on doors where screw fixings cannot be used. For example, fire doors, glass doors, and freezer/cooler doors. Made from flame retardant Santoprene, this highly durable material is reinforced with stainless steel wires to stop rodents from chewing through. Supplied with a detachable pile weather strip for use on sliding doors where there is an unlevel surface. 30mm in height. This rodent protection seal can be used to solve rodent proofing and exclusion tasks on all types of entrance systems, such as:

- Regular hinged doors
- Automatic sliding doors
- Revolving doors

**RAXITQUIREGAUT30MM**

30mm

1 metre length

**G RAXIT READY TO USE – AUTOMATIC DOORS**

NEW

This easy-to-fit rodent protection seal can be used to solve rodent proofing and exclusion tasks on automatic sliding door systems. Made from flame retardant Santoprene this highly durable material is reinforced with stainless steel wires to stop rodents from chewing through. The Santoprene material on the sliding door seal is wrapped in a hook & loop fastening material with a detachable pile weather strip of 6mm height. This pile weatherstrip is detachable and should only be used on automatic sliding doors where there is an unlevel surface/terrain. This weatherstrip gives some flexibility and tolerance when mounting. Sold in sets of 2 for left and right doors. Supplied with screws.

**RAXIT1M30MMAUTO**

30mm

Pack of 2 (1 metre lengths)

**PROOFING**



**H RAXIT "QUICK" - REGULAR DOORS** **NEW**

A versatile, easy-to-fit system that makes it extremely easy to rodent-proof any entrance door in minutes. The self-adhesive strip makes it perfect for use on doors where screw fixings cannot be used. For example, fire doors, glass doors, and freezer/cooler doors. Made from flame retardant Santoprene this highly durable material is reinforced with stainless steel wires to stop rodents from chewing through. This rodent protection seal can be used to solve rodent proofing and exclusion tasks on all types of regular door systems such as:

- Regular hinged • Industrial doors • Residential doors (tool sheds, garage doors, etc.)

<b>RAXITQUICK1M20MM</b>	20mm	1 metre length	
<b>RAXITQUICK1M40MM</b>	40mm	1 metre length	

**I RAXIT READY-TO USE DOORSEAL**

The Raxit Ready-to-use door strips provide an easy to fit rodent proofing solution which enables you to securely proof door and gate thresholds against rodents and other pests. Made from 3.2mm wide flame retardant Santoprene™, this highly flexible and durable material is reinforced with steel wires to stop rodents from chewing through. The seal is corrugated to ensure the steel wires inlaid into the seal do not slide. The anodized aluminium strip has predrilled holes and a double-sided adhesive strip is provided to hold the door strip in place during fixing. Available in 20mm or 40mm height.

<b>RAXIT1M20MM</b>	20mm	1 metre length	
<b>RAXIT1M40MM</b>	40mm	1 metre length	

**J XCLUDER MESH**

XCLUDER is designed to stop gnawing and burrowing pests from entering your home, office or building in a safe and environmentally responsible way. Made from stainless steel and poly fibers, XCLUDER has more "spring-back" than other pest exclusion products. The extra spring-back allows XCLUDER to fill crevices and remain in place indefinitely ensuring rodents cannot get past it or remove it.

Superior to Wire Wool in the following ways:

- Far less material used per gap or hole
- Avoids rust and decomposition
- Avoids any marking or leakages
- Xcluder does not decompose due to its composition of stainless and UV resistant poly fibers
- Xcluder's spring back behaviour / flexibility keeps the material firmly in the gap.
- Fast and highly effective installation due its composition and shape

<b>XCLUDER10FT</b>	10 foot long x 4 inches wide	
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**K FLEXIBLE PROOFING MESH**

Flexible Proofing Mesh is available in both 50mm x 20 metre and 150mm x 10 metre rolls. This proofing mesh is made from stainless steel links making it weather resistant while remaining flexible enough to fold, roll and cut to size. It is a cost-effective way of proofing a wide range of rodent and bird access points and creates a pest proof barrier while still allowing ventilation to buildings.

<b>FLEXIMESH50MM</b>	50mm x 20metres	
<b>FLEXIMESH150MM</b>	150mm x 10metres	

**L RODENT BRUSH**

The Rodent Brush is easily installed and removed for a wide range of proofing needs and made from high quality UV resistant polypropylene with a high grade stainless steel inner core. The brush can be placed into conduits, enclosures, open pipes, pathway drainage gullies, guttering and preformed construction panels which restricts access to water sources. Supplied in 4m lengths with a diameter of 100mm which can be easily cut using wire cutters.

<b>RODBRUSH4M</b>	4m x 100mm roll	
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**M WIRE WOOL**

450g bag of medium-grade steel wool to be used for restricting access to rodents around small holes and gaps.

<b>WIREWOOL</b>	1 x 450g	Each	
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## PROOFING

**A MOUSEMESH VENT IN WHITE**

Mousemesh prevents mice from entering a property via existing in-built air brick vents. This unique pest control innovation is one of the few truly preventative measures currently available.

- Easy to fit
- Hard and highly durable plastic frame
- Stainless steel insert ensures its durability in all weathers
- Can be fixed using screws or strong adhesive

<b>VENTSMALL</b>	245mm x 95mm (9" x 4")	
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<b>VENTMEDIUM</b>	245mm x 170mm (9" x 7")	
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<b>VENTLARGE</b>	245mm x 245mm (9" x 9")	
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**B MOUSEMESH VENT IN BROWN**

Mousemesh prevents mice from entering a property via existing in-built air brick vents. This unique pest control innovation is one of the few truly preventative measures currently available.

- Easy to fit
- Hard and highly durable plastic frame
- Stainless steel insert ensures its durability in all weathers
- Can be fixed using screws or strong adhesive

<b>VENTBROWNSM</b>	245mm x 95mm (9" x 4")	
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<b>VENTBROWNME</b>	245mm x 170mm (9" x 7")	
--------------------	-------------------------	--

<b>VENTBROWNLA</b>	245mm x 245mm (9" x 9")	
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**C MOUSEMESH VENT IN BLACK**

Mousemesh prevents mice from entering a property via existing in-built air brick vents. This unique pest control innovation is one of the few truly preventative measures currently available.

- Easy to fit
- Hard and highly durable plastic frame
- Stainless steel insert ensures its durability in all weathers
- Can be fixed using screws or strong adhesive

<b>VENTBLACKSM</b>	245mm x 95mm (9" x 4")	
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<b>VENTBLACKME</b>	245mm x 170mm (9" x 7")	
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<b>VENTBLACKLA</b>	245mm x 245mm (9" x 9")	
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**D MOUSEMESH VENT IN STAINLESS STEEL**

Mousemesh prevents mice from entering a property via existing in-built air brick vents. This unique pest control innovation is one of the few truly preventative measures currently available.

- Easy to fit
- Stainless steel frame
- Stainless steel insert ensures its durability in all weathers
- Can be fixed using screws or strong adhesive

<b>VENTSTSTSM</b>	245mm x 95mm (9" x 4")	
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<b>VENTSTSTME</b>	245mm x 170mm (9" x 7")	
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<b>VENTSTSTLA</b>	245mm x 245mm (9" x 9")	
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**PROOFING**



**E ALUMINIUM MOUSE PROOFING GRILLES**

A range of solid plate proofing plates designed to prevent rodent incursion through airbricks and similar access points. Produced in Aluminium to prevent weathering, these plates provide long lasting, tough and discreet protection. Extremely useful in industrial premises as when fixed to walls they offer a low profile solution.

<b>GRILL245X95</b>	245mm x 95mm (9" x 4")	
<b>GRILL245X170</b>	245mm x 170mm (9" x 7")	
<b>GRILL245X245</b>	245mm x 245mm (9" x 9")	

**F WEEP HOLE FITTINGS**

Weep Hole Fittings provide a solution to avoid rodents and wasps entering cavity walls through drainage and ventilation holes.

- Provide outstanding flexibility.
- Quick and easy to fit.
- No tools necessary.
- Made from strong stainless spring steel.
- Fit into 6cm high holes neatly, securely, and discreetly.
- Can also be cut to fit into smaller holes.

<b>CAVITY6CM</b>	Pack of 20	
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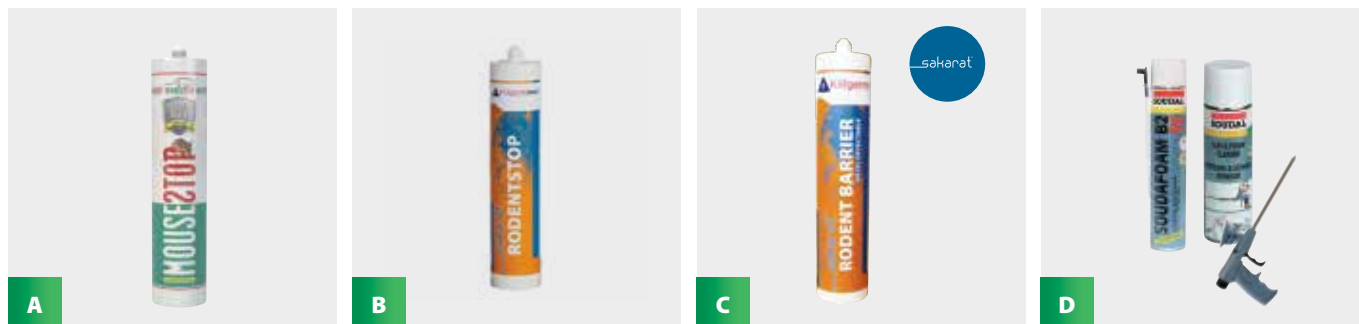
**G AF® RODENT PROOFING CONE**

The AF Rodent Proofing Cone is a quick and simple solution to help prevent rodents from gaining access to properties.

- The cone can be used on both round and square pipes of various sizes from 50mm to 110mm.
- It is easily attached to the pipe using cable ties and the cone can be cut to size to create a rodent proof barrier.
- The kit comprises of 10 cones, cable ties and fitting instructions.

<b>AFRODCONE10</b>	Pack of 10	
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## PROOFING



## A MOUSESTOP

Mousestop is a non-toxic ready to use paste which helps prevent rodents gaining access and to protect buildings. Mousestop is water repellent and can be painted.

<b>MOUSE300ML</b>	1 x 300ml	Each
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## B SAKARAT® RODENT STOP

Sakarot Rodentstop is a non-hazard classified ready-to-use paste, which helps prevent rodents gaining access to sensitive areas and to protect buildings. Ingredients: Made out of natural ingredient and PS pearls.

<b>SAKRODSTOP</b>	1 x 300ml	Each
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## B SAKARAT® RODENT BARRIER (METAL DETECTABLE)

Incorporating stainless steel fibre technology in a silicone body, Sakarat Rodent Barrier is easy to apply using a conventional caulking gun. Use for sealing gaps, holes, cracks and crevices to prevent ingress by rodents. Safe to use in food environments and effective within 20 minutes. Fully waterproof with an 8-10 year life expectancy.

<b>SAKRODBARRIER</b>	1 x 300ml	Each
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## C EXPANDING FOAM GUN GRADE

A one component, ready to use polyurethane PU foam. Very good adhesion on most substrates and excellent mounting capabilities. Applied using a professional applicator gun with a special gun and foam cleaner available for cleaning applicator guns, valves of the PU foam aerosol and removal of un-cured foam.

<b>FOAMGUN</b>	<b>Applicator Gun</b>	Each
<b>FOAMGUN750ML</b>	<b>Gun Grade Aerosol 750ml</b>	Each
<b>FOAMCLEAN</b>	<b>Cleaner Aerosol</b>	Each

# Goodnature A18 Squirrel Trap



**GOODA18SQUIRREL** Each

## REPLACEMENT CO<sub>2</sub> CARTRIDGES

**GOODNATCART10** Pack of 10

## LURE POUCH (HAZELNUT)

**GOODPOU200HAZE** Each

## STAND

**GOODNATSTAND** Each

## METAL COVER

**GOODA18COVER** Each



- The Goodnature A18 Squirrel Trap is a CO<sub>2</sub> powered, multiple kill device, suited to a number of environments including roof spaces, woodlands, industrial sites and farms.
- The trap is easy to install, maintain and will automatically reset 18 times per CO<sub>2</sub> canister.
- Each kit is supplied with a tree mount, 200g lure pouch, lure basket, 2 x CO<sub>2</sub> Cylinders, counter and success guide.
- The included automatic counter notifies how many squirrels have been caught in the event of them being moved after being killed.
- A sturdy but lightweight powder coated aluminium cover is available, that can be used to effectively conceal traps when used in open areas. The cover gives the trap added protection from squirrels that may try to chew through the lure basket or other exposed areas of the trap. When fitted, the cover still allows full access for squirrels to enter the trap.



The Goodnature A18 Squirrel Trap can also be used in conjunction with the KC84 Tunnel.

This then allows the trap to be used with the KC86 Trap Mounting Bracket & KC87 Trap Locating Paddle.

## KC84 TUNNEL

**KC84TUNNEL** Each

## KC86 TRAP MOUNTING BRACKET

**KC86BRACKET** Each

## KC87 TRAP LOCATING PADDLE

**KC87PADDLE** Each

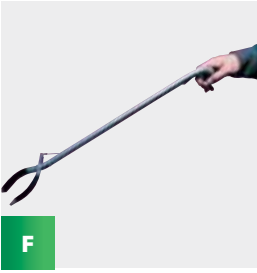


VIDEO AVAILABLE ONLINE  
[www.killgerm.com](http://www.killgerm.com)

GOT A SMART PHONE  
Visit your app store to find a barcode reader for your device

## CAT/DOG/FOX CONTROL

## DRAINAGE EQUIPMENT



**F CAT GRABBER**  
 A simple and effective means for capturing and controlling cats. It is widely used in rescue situations where the cat is in a confined space or out of normal reach. It is particularly useful for dealing with feral cats where it eliminates any need for manual contact with the animal and the risk of physical injury to personnel.  
**180 - 305**      Cat grabber 76cm

**G KC80 FOX / DOG TRAP**  
 Heavy welded mesh trap with bait hook and sliding trip door. Efficient closing mechanism ensures the animal remains within the trap. Constructed from 25mm x 25mm (1" x 1") 12swg welded mesh. Zinc-plated finish. Weight 12.4 kilos.  
**KC80TRAPS**      1220mm x 460mm x 460mm

## DRAINAGE EQUIPMENT

**A UNIKEY - MANHOLE COVER LIFTING KIT**  
 The Killgerm Unikey is a universal manhole cover lifting key kit. It comes supplied with a range of interchangeable tips which can easily be attached to the two handles allowing most manhole covers to be lifted. Made from Zinc plated carbon steel the handles and tips have a safe working load of 250kg (1000Kg straight pull destructive testing). The kit includes:  
 Two heavy duty handles. A range of interchangeable tips including:  
 2 x 33mm T-Tips | 2 x 22mm T-Tips | 2 x 10mm Side Entry Hooks | 2 x M10mm Threaded Screw Tips  
 2 x M12mm Threaded Screw Tips | 2 x M16mm Screw Adaptors | 1 x Long Stopcock Tip  
**UNIKEYKIT**      Each

**B MANHOLE COVER LIFTING KEY**  
 A specially designed universal drain key for opening and lifting drain covers. The key is long at 82cm and enables the user to lift covers without bending. Two lifting keys required per manhole cover.  
**DRAINKEYL**      Each

**C DRAIN TRACING DYES**  
 For testing and tracing leaks in drains. Available in 200g Jars.

<b>TRACEJARG</b>	Fluorescent Green
<b>TRACEJARR</b>	Red
<b>TRACEJARB</b>	Blue
<b>TRACEJARY</b>	Yellow

**D DRAIN TRACING SACHETS**  
 For testing and tracing leaks in drains.

<b>TRACESACG</b>	Box of 10	Fluorescent Green
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# Stainless Steel Ratflap



The Ratflap provides a permanent, simple solution to the problem of rats in sewers. The device prevents rats from moving from the main sewer into the pipes servicing properties.

The Ratflap is now even easier to install. It can be placed in either the upstream or downstream location inside the sewer. Simply insert in the chosen pipe, making sure that the arrow on the unit points in the same direction as the flow of waste.

The product is made from acid resistant stainless steel and exerts enough force on the inside of the pipe to stay secure but for added security a stainless steel wire lanyard is also supplied.

<b>DRAINRATSS4</b>	Flap to fit 4" drains	
<b>DRAINRATSS6</b>	Flap to fit 6" drains	



小島 **BIRD FREE**



Protecting the urban environment

BIRD CONTROL



- Ready to use dishes
- Quick, easy, mess-free installation
- Making working at heights safer and easier
- Firm texture enables use on pitched roofs and angled surfaces
- Discreet low profile dishes
- Keeps pigeons away from structures without harming them
- Authorisation number: UK-2018-1127

**BIRD FREE DISHES**

**BIRDFREE15**

Box of 15 dishes

**BIRD FREE MAGNETIC DISHES**

**BIRDFREEMAG15**

Box of 15 dishes





## Application of 小島 **BIRD FREE** at Case study 1

Pigeons had been nesting on the window ledges of this converted church for many years. Three years ago the nests were removed and 小島 BIRD FREE was applied. The pigeons have not returned.



## Application of 小島 **BIRD FREE** at Case study 2

Pigeons were roosting on the frame of the station roof and fouling the platforms below. Since 小島 BIRD FREE was applied to the roof in 2014 pigeons no longer roost there.

### BIRD FREE® STIQ

Installing Bird Free is now even easier thanks to the Stiq. It is designed to lock Bird Free dishes into place, allowing for quicker lid removal. The Stiq is the go-to tool to use on any jobs involving Bird Free. Modern bird control is even more in your hands with the Stiq. A hole on the handle allows it to loop onto anything. The 6" handle length shows the minimum recommended distance between Bird Free dishes. Contains helpful instructions on the handle showing how to install Bird Free.



### ADHESIVES

Silirub 2	SILIRUB2300ML	300ml cartridge	
Fixall High Tack	FIXHITACK290ML	290ml cartridge	
Fixall Crystal	FIXCRYSTAL300ML	300ml cartridge	

AS A GUIDE, ONE TUBE OF ADHESIVE WILL GLUE 90 DISHES

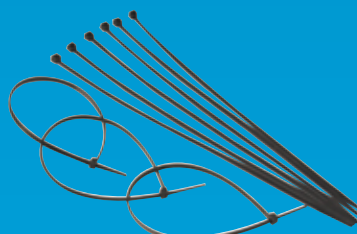


### BIRD FREE CABLE TIE PADS

BIRDFREEH015	Pack of 15 pads	
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### CABLE TIES



# Bird management



In the pages of this catalogue you will find the tools and fittings required to apply all of the best known and most effective urban bird control techniques available. A wide selection of fittings are listed and illustrated to help you choose the best system for your bird problem.

Systems and some products are graded to illustrate the level of effectiveness they will provide to withstand the “pressure” of the birds trying to regain access to the proofed areas. This “pressure” grading needs to be understood to be able to choose the right system for the job.

The grading system is explained fully in the catalogue, together with brief system overviews and fitting instructions.

This catalogue is not intended to be a training document and persons without the necessary experience and skill are strongly recommended to attend one of the urban bird control training courses run by Killgerm. Mistakes can be very expensive.

Killgerm also has a highly trained and experienced technical team that can offer specialist advice over the phone.

If there is something you need that is not in the catalogue, please contact us. We may be able to get it for you or suggest an alternative.

**NEW**

**WE NOW HAVE OUR OWN BRAND NEW EXCLUSIVE RANGE** OF PRODUCTS FOR BIRD CONTROL FROM KILLGERM.

## QUICK GUIDE TO BIRD PROOFING SYSTEMS

		PIGEONS							
		DEFENDER NARROW STST	DEFENDER WIDE STST	DEFENDER EXTRA WIDE STST	BIRD NET	BIRD WIRE	DADDY LONG LEGS	CHIMNEY GUARD	BIRD FREE
INFESTATION	Heavy (Nesting/Night Roosting)			✓	✓			✓	
	Medium (Daytime perches)		✓	✓	✓	✓	✓	✓	✓
	Light (Occasional Landing)	✓	✓	✓	✓	✓	✓	✓	✓
SURFACE	Ledges, Parapets, Beams etc	✓	✓	✓	✓	✓			✓
	Signs, Pipes, Rails	✓	✓	✓		✓			✓
	Windows Reveals/ Window Sills		✓		✓	✓			✓
	Gutters		✓			✓			✓
	Roofs				✓		✓		
	Chimney Pots							✓	
	Chimney Stacks	✓	✓	✓	✓				✓
	Canopies	✓	✓	✓	✓				✓
	Street Lamps	✓	✓	✓			✓		✓
	Air Conditioning Units	✓	✓	✓	✓		✓		✓
	Silo Tops						✓		✓

		GULLS					
		DEFENDER GULL STST	CHIMNEY SPIKE	BIRD NET	BIRD WIRE	DADDY LONG LEGS	CHIMNEY GUARD
INFESTATION	Heavy (Nesting/Night Roosting)			✓			✓
	Medium (Daytime perches)	✓	✓	✓	✓	✓	✓
	Light (Occasional Landing)	✓	✓	✓	✓	✓	✓
SURFACE	Ledges, Parapets, Beams etc	✓		✓	✓		
	Signs, Pipes, Rails	✓			✓		
	Windows Reveals/ Window Sills	✓		✓	✓		
	Gutters	✓					✓
	Roofs		✓	✓		✓	
	Chimney Pots		✓				✓
	Chimney Stacks	✓	✓	✓			
	Canopies	✓		✓			
	Street Lamps	✓					✓
	Air Conditioning Units	✓				✓	✓
	Silo Tops					✓	

# Choosing the correct system

Mistakes in the choice of bird proofing systems can lead to embarrassing and expensive failures. Each system is only effective against certain species of bird. Different systems have different abilities to withstand the “pressure” that the birds will exert in trying to get back onto the proofed areas.

**Below is a brief description of the three main classifications:**

## HEAVY PRESSURE

Parts of a building used for nesting and night roosting. Generally a lot of fouling with nests, eggs and squabs. Birds are highly motivated to regain access. Netting is the only system that is likely to be successful in this situation. Spike systems designed for heavy pressure situations will give limited success but will most likely need to be backed up by a selective cull. Bird Free may also be considered for ledges where nesting occurs.



## MEDIUM PRESSURE

Regular day roost, usually overlooking a food source. Often heavily fouled. Netting and spikes can be confidently considered here. Follow the recommendations against the products in the catalogue. Bird Free may also be considered for ledges where nesting occurs.



## LIGHT PRESSURE

Occasional daytime roost usually on an exposed part of the building. Little fouling to be seen. Any ledge products such as Birdwire, Daddi Long Legs, Spikes or Birdfree maybe considered.



Against each entry in the catalogue is the species of bird to which the product is effective. There is also an indication of the amount of pressure that each system is designed to withstand. Several different systems may be required on a building to effectively keep birds off.

**Remember.** System failure is expensive in time, labour, materials and reputation.

**Beware of displacement.** Moving birds to an adjoining building is fine (they may be your next customer!) but moving them to part of the same building is not.

**To achieve the best results remember the following:**

- carry out a thorough survey
- use quality materials
- ensure you are properly trained in the various installation techniques

Both products and training are available from Killgerm.



**BIRD NETTING**

**HEAVY PRESSURE**

Bird netting systems can be used against any of the urban pest species. When fitted properly, with the correct mesh size for the species of bird, a net will keep even the most persistent of birds out of the heaviest bird pressure sites.

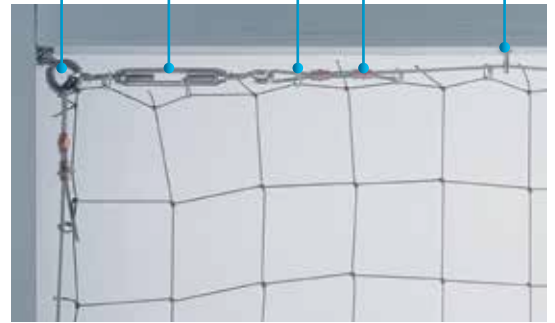
Nets can be fitted horizontally to exclude pest birds from open areas such as wells and courtyards. They can also be fitted vertically to proof large frontages of buildings. As a combination of horizontal and vertical fitting, nets can be used to proof installations such as air conditioning units on roofs.

Whatever the installation, the same basic principles apply. A tensioned cable is fitted to the perimeter of the area to be proofed; the tension being supplied through the use of barrel strainers. The cable is

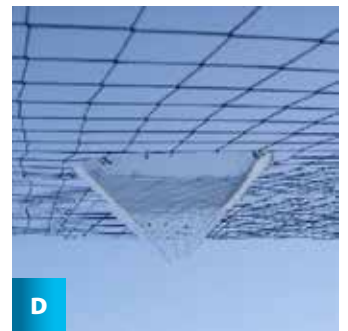
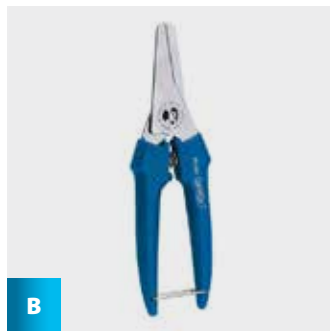
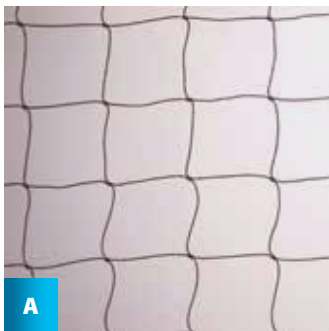
attached at the corners to netbolts using special ferrules or wire rope grips. Netbolts are also used at 10 metre intervals to attach support cables. Intermediate fittings are installed at regular intervals to keep the cable close to the structure. The spacing of these intermediate fittings will vary according to the species of bird. Gulls and pigeons will need 1.0m spacing, starlings 0.5m and sparrows 0.3m. The net is attached to the cable with hog rings, using hog ring pliers. As a general rule, one hog ring per square is required.

Access behind the nets can be provided by installing either net zips, net clips or the flexible rod system. The attachments listed above come in various forms to suit different situations and substrates.

Corner fixing Barrel strainer Hog rings Ferrules Intermediate fixing



Sparrow	19mm (3/4")
Starling	28mm (1 1/8")
Pigeon	50mm (2")
Gull	75mm (3")



**A "NO-FLAME" BIRD NETTING**

Knotted polyethylene, made with UV light-stabilised, flame retarded 12/6 twine. This netting will not propagate a flame and meets BS55867 Performance specification (under BS5438 test method) A useful alternative to offer as an extra specification to suggest to clients

<b>NET19NOFLAME</b>	Black 19mm (3/4") mesh	Square Metre	
<b>NET50NOFLAME</b>	Black 50mm (2") mesh	Square Metre	

**B NET SHEARS**

Essential tool for cutting and trimming nets. Blades manufactured from stainless steel, hardened and tempered to give long life. Bottom blade edge is serrated to improve grip during cutting. The moulded grip handles are spring-loaded and incorporate a handle clip. For use on thin steel, copper and Aluminium sheet, carpet, rubber, plastics and leather.

<b>NETSHEARS</b>	Each	
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**C BIRD NETTING ZIP**

<b>NETZIPBLK1M</b>	Black 1m length	
<b>NETZIPBLK2M</b>	Black 2m length	

**D BIRDSCAPE**

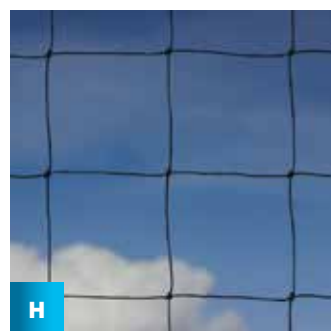
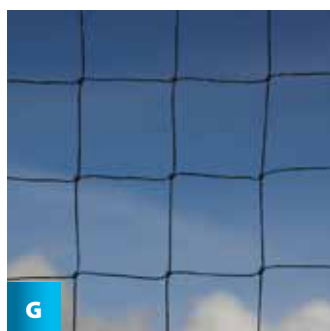
The Birdscape humane netting escape funnel is a unique one-way funnel which acts as an escape route for unintentionally trapped birds. Quick and easy to install into any size netting using hog ring staples.

- One-way funnel lets birds leave and stops them returning.
- Quick and easy installation.
- Prevents negative publicity for bird control.

<b>BIRDSCAPE5</b>	Pack of 5	
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## BIRD NETTING



## E 19MM SPARROW NETTING

NET19BLACK	Black	Square Metre	
NET19STONE	Stone	Square Metre	
NET19TRANS	Translucent	Square Metre	
NET19B5X5	Black	5m x 5m	
NET19B10X10	Black	10m x 10m	
NET19B15X15	Black	15m x 15m	
NET19B20X20	Black	20m x 20m	

## F 28MM STARLING NETTING

NET28BLACK	Black	Square Metre	
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## G 50MM PIGEON NETTING

NET50BLACK	Black	Square Metre	
NET50STONE	Stone	Square Metre	
NET50TRANS	Translucent	Square Metre	
NET50B5X5	Black	5m x 5m	
NET50B10X5	Black	10m x 5m	
NET50B10X10	Black	10m x 10m	
NET50B15X5	Black	15m x 5m	
NET50B15X10	Black	15m x 10m	
NET50B15X15	Black	15m x 15m	
NET50B20X10	Black	20m x 10m	
NET50B20X15	Black	20m x 15m	
NET50B20X20	Black	20m x 20m	

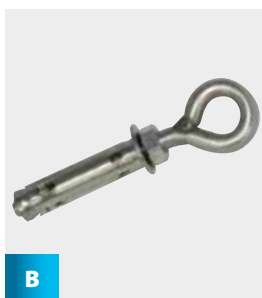
## H 75MM GULL NETTING

NET75BLACK	Black	Square Metre	
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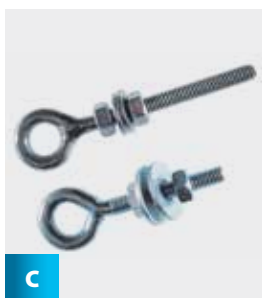
## BIRD NETTING FIXINGS



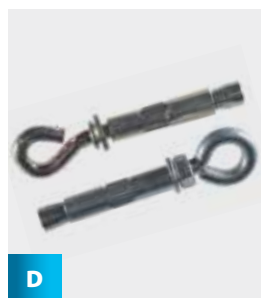
A



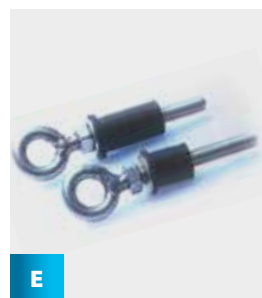
B



C



D



E

## A M6 NETBOLTS

For corners and to secure cross wires on most nets. Heavy weight expansion bolts.

<b>NETBOLT6GALV</b>	Standard M6 galvanised steel Netbolt (10mm Drill Bit)	Pack of 10	
<b>NETBOLT6STST</b>	M6 Forged stainless steel Netbolt (10mm Drill Bit)	Pack of 10	

## B M8 NETBOLTS

For runs of straining wire exceeding 10m between corner fixings or for exposed horizontal net greater than 20m, you will need to use the larger M8 bolts. (14mm drill bit)

<b>NETBOLT8GALV</b>	Standard M8 galvanised steel Netbolt	Pack of 10	
<b>NETBOLT8STST</b>	M8 Forged stainless steel Netbolt	Pack of 10	

## C BEAM BOLTS

Eyebolts with 2 nuts and washers for attachment to the flanges of girders. Available in both yellow passivated galvanised form or 316-grade stainless steel.

<b>BEAMBOLTGALV</b>	Stainless steel beam bolt (6.5mm HSS Drill)	Pack of 10	
<b>BEAMBOLTSTST</b>	BZP beam bolt (6.5mm HSS Drill)	Pack of 10	

## D MINI BOLTS

For small nets these expanding fixings can be used for the corners. Alternatively they could be used as strong intermediate fixings. (8mm Drill Bit).

<b>MINIBOLTGALV</b>	Galvanised steel minibolt	Pack of 10	
<b>MINIBOLTSTST</b>	Stainless steel minibolt	Pack of 10	

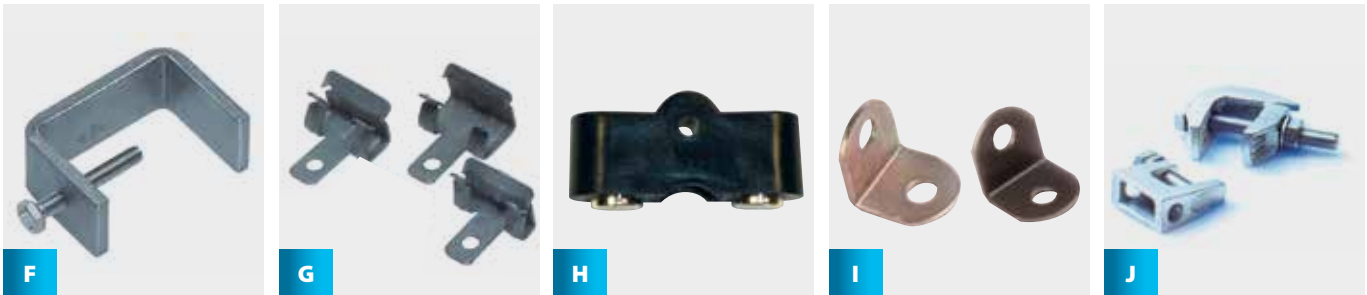
## E CLADDING BOLTS

Eyebolts with expanding rubber nuts for fixing to thin metal cladding or into soft or brittle building substances. (13mm Drill Bit).

<b>CLADBOLTSMGALV</b>	Galvanised small	Pack of 10	
<b>CLADBOLTSMSTST</b>	Stainless steel small	Pack of 10	
<b>CLADBOLTLASTST</b>	Stainless steel large	Pack of 10	



## BIRD NETTING FIXINGS



## F GIRDER CLAMPS

For girders, which have flanges between 20mm & 50mm thick, bolt on clamps are available. Made of 316-grade stainless steel.

<b>GIRDCLAMP50MM</b>	50mm Girder clamp (For flanges 20 - 50mm)	Pack of 10	
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## G GIRDER CLIPS

To fit straining wires or weld mesh panels to girders where it is not possible to drill or use cartridge tools. Made of galvanised steel.

<b>GIRDCLIP4-8</b>	4H24 (Flange thickness 3 - 7mm)	Pack of 100	
<b>GIRDCLIP8-14</b>	4H58 (Flange thickness 7 - 13mm)	Pack of 100	
<b>GIRDCLIP14-20</b>	4H912 (Flange thickness 13 - 20mm)	Pack of 100	

## H NET MAGNETS

Intermediate fixings for metal substrates. They are extremely quick to fix in place, can be useful for following contours of a metal substrate, with or without straining wire. Wire can be retained under the bridge or passed through the hole.

Dimensions: 45mm long x 15mm wide x 22mm high with a 3.5mm diameter hole. Net Magnets can be used on:

- Metal structures such as silos
- Profile metal cladding
- I beams, girders and stanchions on bridges and canopies

<b>NETMAG10</b>	Pack of 10	
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## I STEEL ANGLE BRACKETS

Steel angle brackets, available in either a galvanised finished or in 316-grade stainless steel.

<b>ANGBRACKGALV</b>	Galvanised Angle Brackets	Pack of 100	
<b>ANGBRACKSTST</b>	Stainless Steel Brackets	Pack of 100	

## J BRIDGE CLAMPS

Substantial galvanised fixings for attaching nets to the underside of bridges. The BRIDGE CLAMP for beam flanges up to 20mm thick.

<b>BRIDGECLAMP10</b>	Bridge clamp	Pack of 10	
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## INTERMEDIATE FIXINGS

**A NETSPIKE**

A simple intermediate fixing, drill a 5mm hole and fix in. Available in galvanised and stainless steel.

<b>NETSPIKEGALV</b>	Galvanised steel	Pack of 100	
<b>NETSPIKESTST</b>	Stainless steel	Pack of 100	

**B STAINLESS STEEL SPLIT PIN**

Masonry anchor fixing, available in 38mm, designed for use with masonry rivets. Stainless steel.

<b>SPLITPIN38MM</b>	Pack of 100		
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**C NYLON ANCHOR RIVET**

38mm Anchor Rivet, designed to fit bird posts and split pins. 6.5mm drill bit required for fitting.

<b>ANCHRIVET38MM</b>	Pack of 100		
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**D SCREWPIN**

35mm Stainless Steel Screwpin, designed for use as an intermediate fitting. Can be used with either wood or masonry plugs, using a 6mm drill bit.

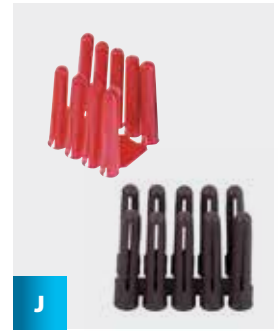
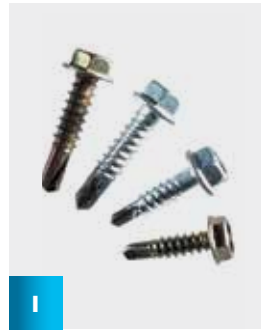
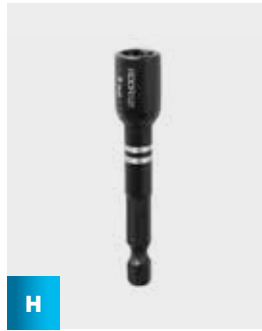
<b>SCREWPIN100</b>	Pack of 100		
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**E SCREW EYE**

40mm screw eye, designed as an intermediate fixing for wood or masonry, red plug required. Available in galvanised and stainless steel. 6mm Drill Bit required.

<b>SCREWEYEGALV</b>	Galvanised steel	Pack of 100	
<b>SCREWEYESTST</b>	Stainless steel	Pack of 100	

## BIRD NETTING FIXINGS

**F** "S" CLIPS

The S Clip can be used to compliment the flex rod system when used as an access point into a net. Also as a replacement for hog rings when short term access through a net is required.

**SCLIP200**

Pack of 200

**G** MULTI USE CABLE BRACKET

A versatile stainless steel bracket that is screwed into position. Wire rope can be threaded through the hole or supported over the "hook". Barrel Strainers can be hooked into the hole if it is used as a corner fixing on a small net.

**MULTIBRACK100**

Pack of 100

**H** HEX DRIVE SOCKET

Professional grade impact nut driver designed to withstand the toughest fastening applications. The powerful magnet allows for a secure grip and unyielding bit engagement. Ideal for use on hex head screws when installed with an impact driver. Designed to withstand the sudden rotational and downward forces exerted by an impact driver.

**SCREWHEX**

Each

**I** SELF DRILL SCREWS

The Self Drill screws can be installed using a Hex Drive Socket into steelwork up to 5mm thick. Available in galvanised and stainless steel.

**SCREW19MMGALV**

19mm Galvanised

Pack of 100

**SCREW32MMGALV**

32mm Galvanised

Pack of 100

**SCREW25MMSTST**

25mm Stainless

Pack of 100

**SCREW38MMSTST**

38mm Stainless

Pack of 100

**J** WALL PLUGS

For use with screw eyes and screw pins when using in masonry. Red plug for 6mm drill bits, Brown plug for 7mm drill bits.

**REDWALLPLUGS**

Red

Pack of 100

**BROWNWALLPLUGS**

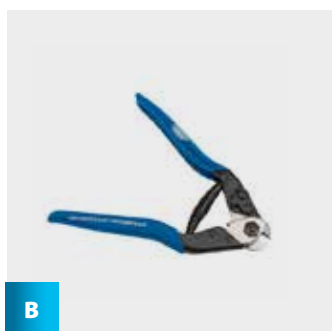
Brown

Pack of 100

## NET STRAINING WIRE AND ACCESSORIES



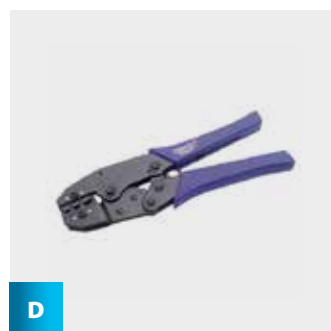
A



B



C



D

## A WIRE ROPE

For most nets, 2mm diameter wire rope is used, though other sizes are available for very large or very small nets. 3mm diameter wire cannot be crimped - you need to use 3mm wire rope grips. For flexibility, the 7/7 (49-strand) type is advised. This wire is available in galvanised steel, though it is advised that 316-grade stainless steel be used in corrosion - resisting systems.

<b>WIRE2MMGALV200MM</b>	2mm 7/7 Galvanised	200m	
<b>WIRE3MMGALV100MM</b>	3mm 7/7 Galvanised	100m	
<b>WIRE2MMSTST200MM</b>	2mm 7/7 Stainless Steel	200m	
<b>WIRE3MMSTST100MM</b>	3mm 7/7 Stainless Steel	100m	

## B WIRE CUTTERS

Expert Quality, for the cutting of wire rope up to a maximum diameter of 5mm and spring wire up to 1.5mm diameter. SK5 high carbon steel blades hardened, tempered and polished. Spring - loaded handles with vinyl grips and safety lock.

<b>WIRECUTTER</b>	Each	
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## C FERRULES

## RATCHET CRIMPING TOOL REQUIRED.

<b>FERALU2.5MM</b>	2.5mm Aluminium (For use with 2mm Galv. wire)	Pack of 100	
<b>FERCOPPER2.5MM</b>	2.5mm Copper (For use with 2mm S/S wire )	Pack of 100	

## D RATCHET CRIMPING TOOL

Specially designed for crimping 2.5mm ferrules to the wire rope.

<b>RATCHTOOL</b>	Each	
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## BIRD NETTING FIXINGS



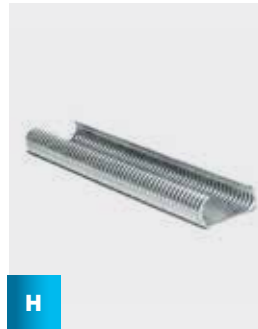
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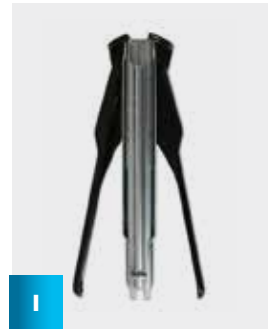
F



G



H



I

## E WIRE ROPE GRIPS

These are available in either galvanised or stainless steel. They can be used with either 2mm or 3mm diameter wire. The wire rope grips are tightened using a nut spinner, 7mm size for galvanised wire rope grips and 5.5mm size for the stainless steel ones.

<b>ROPEGRIPGALV100</b>	3mm grip, galvanised	Pack of 100	
<b>ROPEGRIPSTST10</b>	3mm grip, stainless steel	Pack of 10	

## F 7MM NUT SPINNER

Chrome vanadium steel blades hardened, tempered with satin chrome plated finish. Each socket has a hex on the base providing extra grip when more torque is required. Fitted with soft grip handles with moulded inserts

<b>NUTSPIN7MM</b>	Each		
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## G BARREL STRAINERS

The wire is tensioned by the use of Barrel Strainers. The standard size used is M6, which will tension up to 10m of 2mm wire rope.

<b>BARSTRM6GALV</b>	M6 Galvanised Barrel Strainer	Pack of 10	
<b>BARSTRM8GALV</b>	M8 Galvanised Barrel Strainer	Pack of 10	
<b>BARSTRM6STST</b>	M6 Stainless Steel Barrel Strainer	Pack of 10	
<b>BARSTRM8STST</b>	M8 Stainless Steel Barrel Strainer	Pack of 10	

## H HOG RINGS

Hog rings are key to fixing nets to the wire rope. Available in three versions.

<b>HOGRINGGALV</b>	P7 Hog Ring 18mm Staples galvanised	Pack of 2500	
<b>HOGRINGALU</b>	P7 Hog Ring 18mm Staples aluminium	Pack of 2500	
<b>HOGRINGSTST</b>	P7 Hog Ring 18mm Staples stainless steel	Pack of 2500	

## I HOG RINGER

Single handed hog ring pliers, featuring automatic feed.

<b>HOGRINGER</b>	Each		
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## SPECIAL FIXINGS



A



B



C



D

## A NET RIDGE BRACKETS

These also hold the net wire above the ridge. As with the Roof Spike, the wire will need strong anchorage points at either end to strain off, which will probably need to be fabricated specially, but these brackets will keep the wire off the ridge. Made from 316-grade stainless steel. 450mm in length.

RIDGEBRACK

Each

## B TWO WAY SLATE BRACKET

Slips between adjoining slates to hold the wire rope close to the surface of the roof. It is designed to allow the wires to be attached horizontally or vertically.

SLATEBRACK10

Pack of 10

## C PRO EXTERNAL CORNER FIXING BRACKET

When running a straining wire around a corner it can be difficult getting a fixing close to the corner to prevent damaging the straining wire or the building. This bracket will help solve this problem. Thanks to the angle of the hole, this bracket can also be used to fit a wire neatly up an outside corner of a building. Fixing holes 6mm diameter.

CORNFIXBRACK

Each

## D STANDING SEAM CLAMP

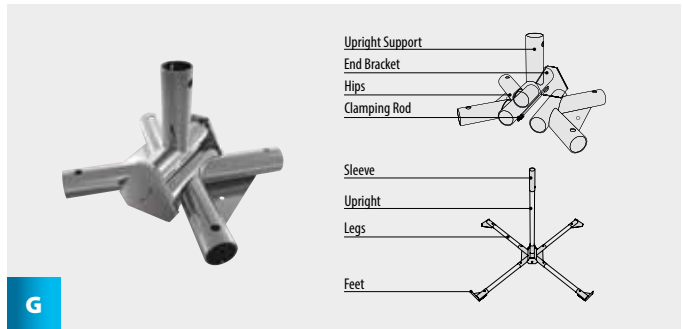
Standing seam roofs are becoming increasingly common for factories and warehouses. The roof panels are joined with seams that protrude vertically above the roof. As the roofs are becoming common, so are the infestations of Gulls on them. The new standing seam clamp provides a secure means of fixing net straining wires directly onto these standing seam roofs or for anchoring mounting brackets such as the roof mount. The clamp requires a 6mm allen key driver to fasten in place. They are made from tough extruded aluminium with stainless steel allen screws and spring washers. The top plate, measuring 100mm x 40mm, comes with no holes, but being aluminium can easily be drilled as required.

SEAMCLAMP

Each



**SPECIAL FIXINGS**



**E PRO 'NET OFF' SLIDER**

This bracket will support straining wire 105mm to 210mm from the substrate in places where the net needs to be held away from a protrusion to help prevent abrasion damage to the net. Fixing holes 6mm diameter. Tighten the nuts with 10mm spanners.

<b>NETOFFSLIDE</b>	Each	
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**F DORMER BRACKETS**

Standard brackets for installing a bird net system made from stainless steel.

<b>DORMCORNER</b>	Corner Dormer Bracket	Each	
<b>DORMINTER</b>	Intermediate Dormer Bracket	Each	

**G ROOF MOUNTS**

Increasingly, large roofs are being proofed to protect against pigeons and gulls. In most circumstances it is not feasible to drill into the roof itself, so net supports that can be weighed down are required. As no two roofs are the same, the supports need to be adaptable to fit different roof shapes, angles and obstacles. The new roof mount far exceeds these criteria. It is light-weight, very easy to handle, extremely versatile and allows fast installation.

**Please contact the Killgerm Sales office for further information.**

<b>ROOFMBASE</b>	Roof Mount Base	Each	
Includes: Main assembly (2 hips, 1 upright support, 2 end caps, 1 clamping rod), 4 x feet and 10 x 19mm screws			
<b>ROOFMLEGS</b>	Roof Mount Legs	Each	
Includes: 4 x legs			
<b>ROOF1MPOLE</b>	Roof Mount 1 metre Upright	Each	
Includes: 1 x 1 metre pole and 1 x sleeve			
<b>ROOF2MPOLE</b>	Roof Mount 2 metre Upright	Each	
Includes: 1 x 2 metre pole and 1 x sleeve			



# NET Support System (NSS)

The NSS range has been designed by professionals to meet the needs of netting projects, from the most basic to the more complicated installations.

The NSS range provides single plate brackets to suit face and corner situations, each 500mm in height (NSS101 – NSS108). To compliment this range, a similar design for double plate stanchions is available at 1000mm height. (NSS112 – NSS116) The option to extend the twin plate range with an additional 500mm or 1000mm is also available.

Whilst these brackets may be attached into cladded sub-straights, three smaller 75mm x 75mm square cladding brackets (NSS109 – NSS111) are a useful alternative to cladding bolt fixings where weight and strength needs to be considered.

All of our NSS stanchions are hot dipped galvanised making

them resistant to rust. The uprights are manufactured in 40mm x 40mm box section and welded onto a 3mm fixing plate which will accommodate a number of fixings to suit most sub-straights.

The NSS range also includes a range of three non-piercing roof stanchions, from a single boot base support to a double 450mm x 450mm x 40mm or four slab systems. (NSS118 – NSS120) Also to compliment the roof range, a smaller 250mm x 250mm two slab ridge bracket (NSS121) is available.

In addition a hand rail stanchion has been designed to fit onto any static safety handrail system. This is available in 2000m height.

A specialist hot dipped galvanised door frame is also available. (NSS122).

**PLEASE NOTE THAT AN EXTENSION CANNOT BE ADDED TO SINGLE PLATE STANCHIONS, ONLY DOUBLE PLATED STANCHIONS.**

NSS 101	NSS 102	NSS 103	NSS 104	NSS 105
NSS101    Each	NSS102    Each	NSS103    Each	NSS104    Each	NSS105    Each
NSS 106	NSS 107	NSS 108	NSS 109	NSS 110
NSS106    Each	NSS107    Each	NSS108    Each	NSS109    Each	NSS110    Each

**NSS 111**



External cladding corner bracket. Each side 75mm x 75mm.

NSS111 Each

**NSS 112**



Double plate fix intermediate flush extension bracket. Height 1000mm

NSS112 Each

**NSS 113**



Double plate fix external / internal short 50mm extension face bracket. Height 1000mm

NSS113 Each

**NSS 114**



Double plate fix external short 75mm extension corner bracket. Height 1000mm

NSS114 Each

**NSS 115**



Double plate fix internal flush extension corner bracket. Height 1000mm

NSS115 Each

**NSS 116**



Double plate fix internal short 50mm extension corner bracket. Height 1000mm

NSS116 Each

**NSS 117**



Hand rail stanchion. Height 2000mm each (made up of two by 1000 sections & includes two clamp fixing brackets).

NSS117 Each

**NSS 118**



Single base roof stanchion. Height 1000mm. Compatible Polyethylene, Polypropylene, base unit for most roof surfaces.

NSS118 Each

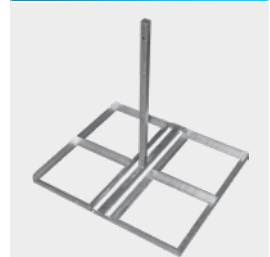
**NSS 119**



Two slab roof stanchion unit. Height 1000mm. Requires two 450mm x 450mm concrete slabs (Obtain locally)

NSS119 Each

**NSS 120**



Four slab stanchion unit. Height 1000mm. Requires 4 x 450mm x 450mm concrete slabs. (Obtain locally)

NSS120 Each

**NSS 121**



Free standing ridge bracket unit. Height 400mm. Requires 2 x 250mm x 250mm concrete slabs (Obtain locally)

NSS121 Each €125 .80

**NSS 122**



Heavy duty door. 2000mm x 830mm (Includes latch)

NSS122 Each

**NSS 123**



500mm extension

NSS123 Each

**NSS 124**



1000mm extension

NSS124 Each

**PLEASE NOTE THAT NSS BRACKETS ARE NOT STOCK ITEMS & ARE MADE TO ORDER. PLEASE CONTACT OUR SALES OFFICE TO CONFIRM LEAD TIMES.**



**NSS PROTECTION CAPS**

NSSPROTCAP20 Pk 20



**NSS TUBE INSERTS**

NSSTUBEINS5 Pk 5

**PLEASE NOTE CARRIAGE WILL BE CHARGED AT COST. PLEASE CONTACT THE KILLGERM SALES OFFICE FOR MORE INFORMATION.**

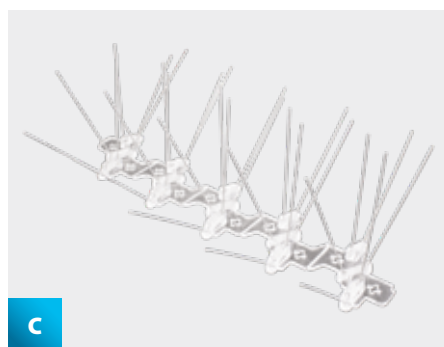
## SPIKE SYSTEMS



A



B



C

## A DEFENDER NARROW STAINLESS STEEL SPIKES

UV Stabilised polycarbonate base, temperature resistance with no loss of mechanical strength from -20°C to 130°C. Pins made from corrosion-resistant 304 grade stainless steel.

- 10 stainless steel pins per strip.
- Protects to a maximum of 75mm (3 inches).
- Pattern of 2 rows of pins fanning out at 2 different angles.
- 4 snap points along the base allow the strip to be snapped by hand into smaller sections without needing extra tools.
- Can be installed with glue, screws, nails or cable ties.
- Suitable for pigeons and similar sized birds.
- Each strip is 333mm in length.

<b>DEFNARROW10M</b>	10 metres	
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<b>DEFNARROW50M</b>	50 metres	
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## B DEFENDER WIDE STAINLESS STEEL SPIKES

UV Stabilised polycarbonate base, temperature resistance with no loss of mechanical strength from -20°C to 130°C. Pins made from corrosion-resistant 304 grade stainless steel.

- 20 stainless steel pins per strip.
- Protects to a maximum of 150mm (6 inches).
- Pattern of 4 rows of pins fanning out at 4 different angles.
- 9 snap points along the base allow the strip to be snapped by hand into smaller sections without needing extra tools.
- Can be installed with glue, screws, nails or cable ties.
- Suitable for pigeons and similar sized birds.
- Each strip is 333mm in length.

<b>DEFWIDE10M</b>	10 metres	
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<b>DEFWIDE50M</b>	50 metres	
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## C DEFENDER EXTRA WIDE STAINLESS STEEL SPIKES

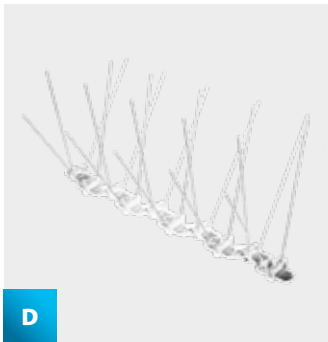
UV Stabilised polycarbonate base, temperature resistance with no loss of mechanical strength from -20°C to 130°C. Pins made from corrosion-resistant 304 grade stainless steel.

- 30 stainless steel pins per strip.
- Protects to a maximum of 225mm (9 inches).
- Pattern of 6 rows of pins fanning out at 6 different angles.
- 4 snap points along the base allow the strip to be snapped by hand into smaller sections without needing extra tools.
- Can be installed with glue, screws, nails or cable ties.
- Suitable for pigeons and similar sized birds.
- Each strip is 333mm in length.

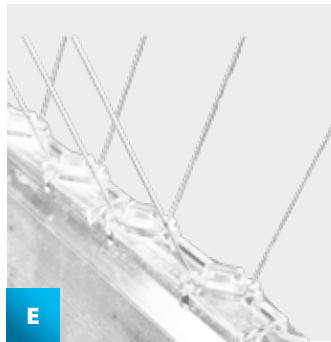
<b>DEFEXWIDE5M</b>	5 metres	
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<b>DEFEXWIDE20M</b>	20 metres	
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## SPIKE SYSTEMS



D



E



F



G

## D DEFENDER GULL STAINLESS STEEL SPIKES

UV Stabilised polycarbonate base, temperature resistance with no loss of mechanical strength from -20°C to 130°C. Pins made from corrosion-resistant 304 grade stainless steel.

- 20 stainless steel pins per strip.
- Protects to a maximum of 200mm (8 inches).
- Pattern of 4 rows of pins fanning out at 4 different angles.
- 4 snap points along the base allow the strip to be snapped by hand into smaller sections without needing extra tools.
- Can be installed with glue, screws, nails or cable ties.
- Suitable for pigeons and seagulls.
- Each strip is 333mm in length.

<b>DEFGULL10M</b>	10 metres	
<b>DEFGULL40M</b>	40 metres	

## E DEFENDER RIDGE STAINLESS STEEL SPIKES

UV Stabilised polycarbonate base, temperature resistance with no loss of mechanical strength from -20°C to 130°C. Pins made from corrosion-resistant 304 grade stainless steel.

- 12 stainless steel pins per strip.
- Fits on any angled ridge from 90degrees to 120degrees.
- Spike at widest part is 80mm.
- Pattern of 2 rows of pins fanning out at 2 different angles.
- Can be installed with glue, screws, nails or cable ties.
- Suitable for pigeons and seagulls.
- Each strip is 333mm in length.

<b>DEFRIDGESM</b>	5 metres	
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## F DEFENDER WINDOW CLIPS

UV Stabilised polycarbonate window clip for several Defender Bird Spikes. 2 clips needed per 33cm spike strip so 6 per metre. Screw onto outside of window and clip the spikes into the clip. You may find it easier to fit the spikes to the clips, then screw the whole assembly onto the window. For use with Defender Wide Stainless Steel Spikes, Defender Gull Stainless Steel Spikes, and Wide Plastic Spikes.

<b>DEFWINDOW50</b>	Pack of 50	
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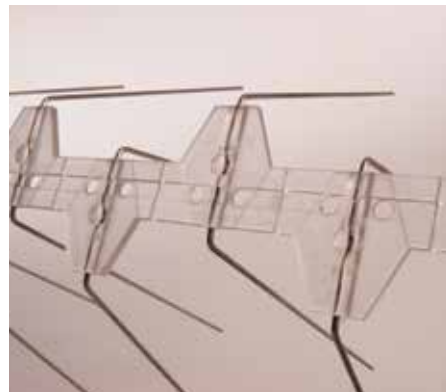
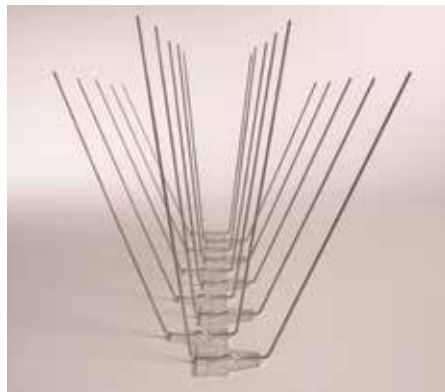
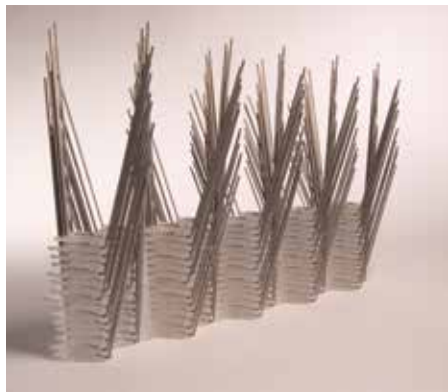
## G DEFENDER GUTTER CLIPS

UV Stabilised polycarbonate gutter clip for several Defender Bird Spikes. 2 clips needed per 33cm spike strip so 6 per metre. For use with Defender Wide Stainless Steel Spikes, Defender Gull Stainless Steel Spikes, and Wide Plastic Spikes.

<b>DEFGUTTER100</b>	Pack of 100	
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# AVIPOINT™

## SPIKE SYSTEMS



<b>Bird Activity</b>	Daytime perching. Night-time roosting and some nesting areas.	<b>Wires</b>	Heavy - duty 1.4mm, 302 grade stainless steel.
<b>Infestation</b>	From light to heavily infested areas.	<b>Tips of the Wire</b>	Cut flat to prevent injury to the birds and installers.
<b>Where to Use</b>	From the narrowest pipe to the widest building ledges.	<b>Base</b>	UV light protected clear polycarbonate.
<b>Strip Length</b>	33.3cm	<b>Packaging</b>	Packaged in 5m and 50m compact double-walled boxes.

AVIPOINT™ is manufactured in the UK in a highly automated factory using state-of-the-art robotic technology. Installers are assured of consistency of quality and supply. The wires are made from substantial 1.4mm diameter stainless steel, and are cut flat to prevent injury to both installer and birds. The wires are insert-moulded into the base using a unique patented process, which improves durability.

The UV protected polycarbonate base is 33.3cm in length and includes snap lines to allow the strips to be broken down into smaller sections.

With their unique Glue Guide, all the products in the AVIPOINT™ range are exceptionally easy to install. The Glue Guide allows the installer to apply adhesive quickly and easily to the base of the strip using a caulking gun. The guide keeps the glue exactly where it is needed - no mess, no excess. One tube of adhesive will install up to 10m of AVIPOINT™.

AVIPOINT™ Bird Spikes are designed to stack closely inside each other. The stacks are easier to use on site than conventional bundles. This feature also minimises the

amount of space needed to store and transport the spikes. Products are supplied in stacks of 15 strips, sufficient to treat up to 5m of ledge. The stacks also reduce the size of boxes required, thus saving on storage and transport costs. AVIPOINT™ is well protected as the boxes are double walled.



## ADHESIVES

Fixall High Tack (Grey)

**FIXHITACK290ML**

1 x 290ml

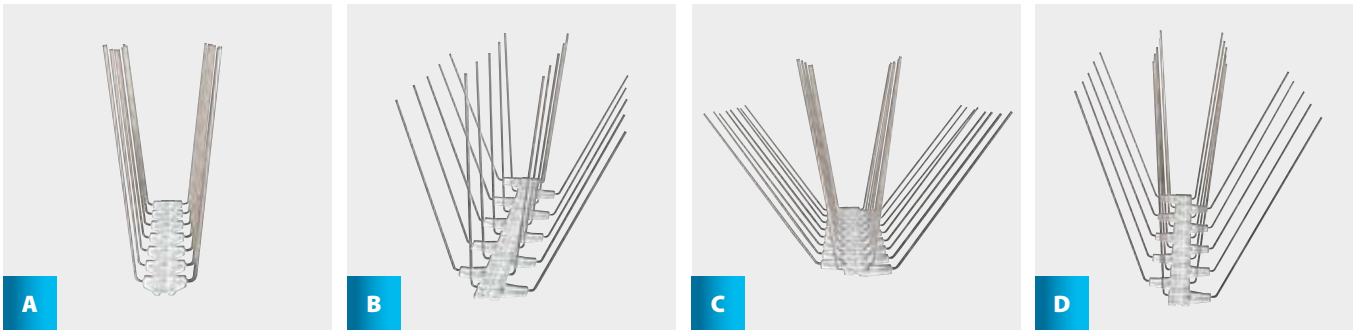
Fixall Crystal

**FIXCRYSTAL290ML**

1 x 290ml

**AS A GUIDELINE, ONE TUBE OF GLUE WILL FIX APPROXIMATELY 10 METRES OF SPIKES.**



**A AVIPOINT™ P14**

Ideal for use on pipework or narrow ledges as the base is just 20mm wide. On pipework, we recommend glue and cable tying in place. The spike tips are 50mm apart, so will protect an area up to 115mm wide from one strip. **For use where there is daytime perching of pigeons.**

AVIP14	5 metres	
AVIP14CTN	1 Carton (50 metres)	

**B AVIPOINT™ P20**

With a denser pattern of 'spikes' spanning a greater width, this is the ideal product for protecting most building ledges. The spike tips are 140mm apart, so will protect an area up to 205mm wide from one strip. **For use in most situations, where birds are perching in the daytime or roosting at night.**

AVIP20	5 metres	
AVIP20CTN	1 Carton (50 metres)	

**C AVIPOINT™ P32**

With the densest pattern of spikes, this is the product of choice in heavily used areas. The spike tips are 200mm apart, so will protect an area up to 265mm wide from one strip. **For use on wide ledges and areas that are heavily used by pigeons.**

AVIP32	5 metres	
AVIP32CTN	1 Carton (50 metres)	

**D AVIPOINT™ G20**

Based on the same base as Avipoint™ P20, the G20 spikes are significantly longer. Gull spikes are designed to prevent gulls from landing, so may need to be used in conjunction with gull netting when protecting large areas. The spike tips are 175mm apart, so will protect an area up to 380mm wide from one strip. **For use against gulls.**

AVIG20	5 metres	
AVIG20CTN	1 Carton (50 metres)	

**E AVIPOINT™ GUTTER CLIPS**

Avipoint™ Gutter Clips can be used to attach the whole range of Avipoint™ to some types of guttering. **Use 2 clips per strip.**

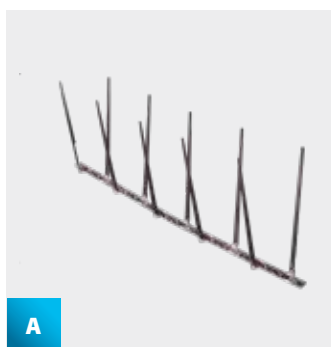
AVIGUTTER	Pack of 10	
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**F AVIPOINT™ LIPPED GUTTER CLIPS**

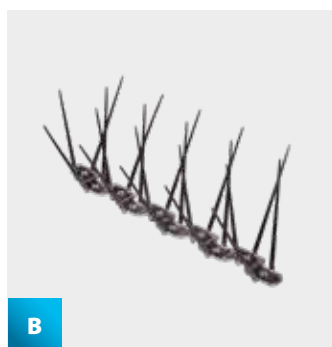
Aviclips for Lipped Gutters fit securely onto the base of Avipoint P14, P20, P32 and G20 spikes. **Use 2 clips per strip.**

AVILIPPED	Pack of 10	
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## SPIKE SYSTEMS



A



B



C



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### A PLASTIC NARROW SPIKES

The Narrow Plastic Spike is a great product for helping eradicate birds. Any narrow ledge, sill or beam that has a depth of up to 10 cm (4 inches) can be protected from perching, roosting or nesting pigeons and birds. As they are made of a clear polycarbonate plastic, the narrow pigeon spikes become virtually invisible once installed. They are also UV stabilised, so will continue protecting property for years. Each strip is 334mm (13 inches) in length.

<b>PLASTNAR5M</b>	5 meters	
<b>PLASTNAR50M</b>	50 meters	

### B PLASTIC WIDE SPIKES

The Wide Plastic Spike is a great product for helping eradicate birds. This anti-roosting pigeon spike will protect ledges up to a depth of 20 cm (8 inches) from the heaviest pigeon infestations. Made from clear polycarbonate plastic, they are also UV stabilised so will continue protecting property for years. Each strip is 334mm (13 inches) in length.

<b>PLASTWIDE5M</b>	5 meters	
<b>PLASTWIDE50M</b>	50 meters	

### C THISTLE SMALL BIRD SPIKE

This all polycarbonate spike is the perfect solution for deterring the most determined small bird from perching on commercial or domestic properties. As well as small birds it is very effective against larger birds such as pigeons and seagulls. Each strip measures 33.3cm, and contains 80 pins on each strip. The clear plastic pins span out in 8 different angles creating an impregnable surface that small birds cannot overcome. The pins themselves are half the height of a traditional pigeon spike, giving it a great low profile. The base features silicone fixing holes and break lines if required during installation. Pin height: 62mm. Supplied in packs of 5 metres.

<b>THISTLESPIKESM</b>	5 metres	
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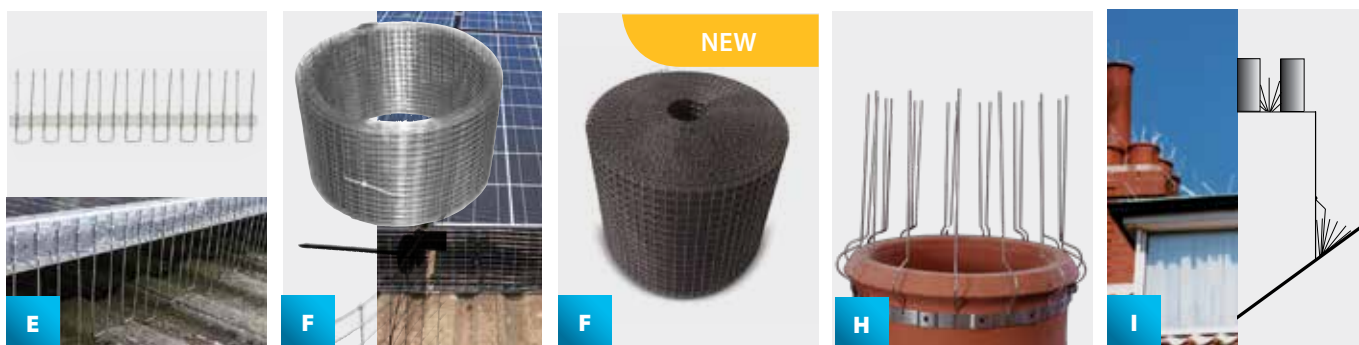
### D STIXX SOLAR FLEX - 160CM

Robust UV stabilised polycarbonate base, featuring 3mm thick, 304 stainless steel pins

- Reinforced bases for extra strength
- Free-falling pins quickly match any roof profile
- Base can be easily snapped to size
- Offers protection on gaps from 80mm - 160mm

<b>STIXX80MM</b>	80mm	25cm strip	
<b>STIXX160MM</b>	160mm	50cm strip	

## SPIKE SYSTEMS



## E SOLAR PANEL SPIKES

The Solar Panel Spikes are a convenient solution to proofing solar panel voids and other gaps. They are quick and easy to install, simply apply a bead of adhesive to the surface and adjust the spike to the correct length. Made from UV resistant polycarbonate and stainless steel. Available in 50cm lengths with a choice of 160mm or 210mm spikes. If required, the spikes can be cut using tin snips or good quality pliers.

SOLSPIKE130X50	130mm	50cm strip	NEW	
SOLSPIKE160X50	160mm	50cm strip		
SOLSPIKE210X50	210mm	50cm strip		

## F SOLAR PANEL CLIPS

The Solar Panel Proofing is a new system from Killgerm designed to prevent birds from nesting under roof solar panels. It includes a combination of mesh and clips which are easy to install, requiring no drilling. The 19 gauge, 25mm x 12.5mm galvanised mesh is available in 30m x 200mm width rolls. The UV stable polycarbonate clips are supplied in packs of 10 and are designed to fit on the inside lip of the panel without scratching the surface. The clips are fitted two to each corner and then at 500mm points in between.

SOLARCLIP10	Clips	Pack of 10	
SOLARMESH30M	30m Mesh	Each	

## G BLACK PVC COATED SOLAR MESH

12mm x 12mm black PVC coated galvanised mesh to prevent birds from nesting under roof solar panels. Supplied in 30 metre rolls, with a width of 200mm. For use with Solar Panel Clips.

SOLARMESH30MBLACK	Each	
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## H CHIMNEY POT SPIKE

The Chimney Pot Spike has been designed for seagulls, birds and pigeons causing problems on chimney cowls or chimney pots by nesting, perching or roosting. Other than noise and unpleasant mess, if seagulls make nests on chimneys it can become a real fire hazard if the chimney is in use. This pigeon and seagull deterrent is a very easy way to keep seagulls off and out of chimneys. The stainless steel strap is flexible so will fit round or square chimney pots, or around cowls, and will quickly stop seagulls and birds from landing, nesting and causing problems on roofs.

CHIMPOTSPIKE2	Pack of 2	
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## I CHIMNEY SPIKE

Over the last few decades, the incidence of seagulls, such as the Herring Gull and the Lesser Black-Backed Gull, nesting on roofs has increased dramatically, causing enormous problems for those living or working below. The Chimney Spike has been developed to help overcome these problems, particularly for residential properties. The Chimney Spike is made from stainless steel, for maximum corrosion resistance. The ends of the 12" (300mm) long spikes are cut square, so the birds are not harmed - just frustrated!

The Chimney Spike is supplied "flat packed" for erection on site. It is easily bent into a "crown" of repellent spikes, using no more than a pair of pliers. The Chimney Spike can be fixed in place with sand and cement mortar, or it can be secured with a suitable screw and wallplug. **WARNING** - The Chimney Spike is best installed outside the breeding season, which runs between April and August in Europe. If work starts during this time, you can expect to be attacked by the birds, so all necessary safety precautions must be taken.

CHIMSPIKE	Each	
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## BIRDWIRE SYSTEM



**Pigeons** LOW to MEDIUM PRESSURE  
**Seagulls** LIGHT PRESSURE (with Gullwire components)

- The Birdwire system is still one of the most widely used anti-perching systems for pigeons.
- All components are made of stainless steel for maximum corrosion resistance.
- The benefits of using this system are its flexibility and economy, as it can be adapted for use in virtually any situation and it offers ledge protection at a cost lower than most other systems.
- As with any bird-proofing system however, if it is used in the wrong situation, or if it is incorrectly installed, highly persistent pigeons may find ways to overcome it. Superficially it appears to be a very simple system to install, but special techniques need to be employed to ensure success.
- These techniques are best learned by attending a suitable training course.

## A BIRDWIRE

Seven-stranded stainless steel wire coated with UV protected clear nylon to give a diameter of 0.7mm with a breaking strain of 22 kgs.

<b>BIRDWIRE100M</b>	Birdwire	100m roll	
<b>BIRDWIRE300M</b>	Birdwire	300m roll	

## B BIRDWIRE ANCHOR RIVETS

Made from high impact thermoplastic nylon. The dome shaped head helps to keep rainwater out of the drilled hole.  
 For use with both 110mm and 150mm bird posts. **(6.5mm Drill Bit)**

<b>ANCHRIVET25MM</b>	25mm (1") Anchor Rivet, Grey	Pack of 100	
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## C BIRDWIRE STAINLESS STEEL SPLIT PINS

Where suitable surfaces exist, split pins can be used instead of bird posts, such as in window reveals or to vertical stonework at the ends of ledges.

<b>SPLITPIN25MM</b>	25mm (1") Birdwire Split Pin	Pack of 100	
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# Crimping Tool

**For crimping copper or aluminium ferrules onto pigeon and gull wire. A perfect crimp, every single time.**

Precision jaws shaped to crimp 4 sizes of ferrule. Features a high-leverage, integrated wire cutter.

Ratchet controlled for quality to ensure the crimp is firmly completed before the handles release. Compound-lever action for one-handed operation. Engineered for easy use and all-day comfort.

For crimping nickel-plated copper crimps for forming the end loops in the wire attached to the post & spring.

For crimping 1.5mm copper ferrules to 1.2mm wire rope for securing bait boxes.

For crimping both 2.5mm Copper and Aluminium Ferrules to 2mm wire rope.

For crimping 1mm Copper Ferrules.

For cutting wire rope up to 2mm thick.

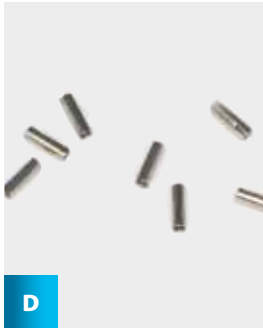
The BC Crimping Tool takes less energy so less fatigue to installers and pest controllers.



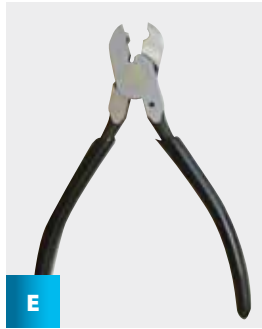
BCCRIMPTOOL

Each

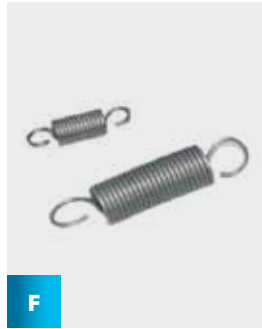
## BIRDWIRE SYSTEM



D



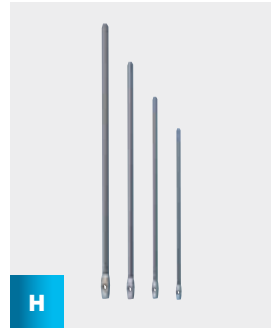
E



F



G



H

## D BIRDWIRE CRIMPS

Nickel-plated copper for forming the end loops in the wire attached to the posts and springs.

<b>BIDCRIMP</b>	Birdwire Crimps	Pack of 100	
<b>FERCOPPER1MM</b>	1mm Copper Ferrules	Pack of 100	

## E BIRDWIRE CRIMP &amp; CUTTER TOOL

A specially designed dual purpose tool used to cut the wire and secure the crimps.

<b>CRIMPTOOL</b>	Each		
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## F BIRDWIRE SPRINGS

For Medium Pressure sites or where a low visibility system is required, the small spring is recommended.

<b>SPRINGSMALL100</b>	Small	Pack of 100	
<b>SPRINGLARGE100</b>	Large	Pack of 100	

## G BIRDWIRE STICK ON POSTS

Made from UV stabilised grey nylon, these surface mounts can be used with a range of bird wire posts or as an intermediate net fixing. The surface mounts can be fixed using adhesive where no drilling is allowed or can be fixed/screwed using the 4 pre-formed holes. These mounts can be used on a range of surfaces including, uPVC, glass, lead flashing, stone, brick, and composite cladding.

<b>POSTPAD10</b>	Pack of 10		
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## H BIRDWIRE STAINLESS STEEL BIRD POSTS

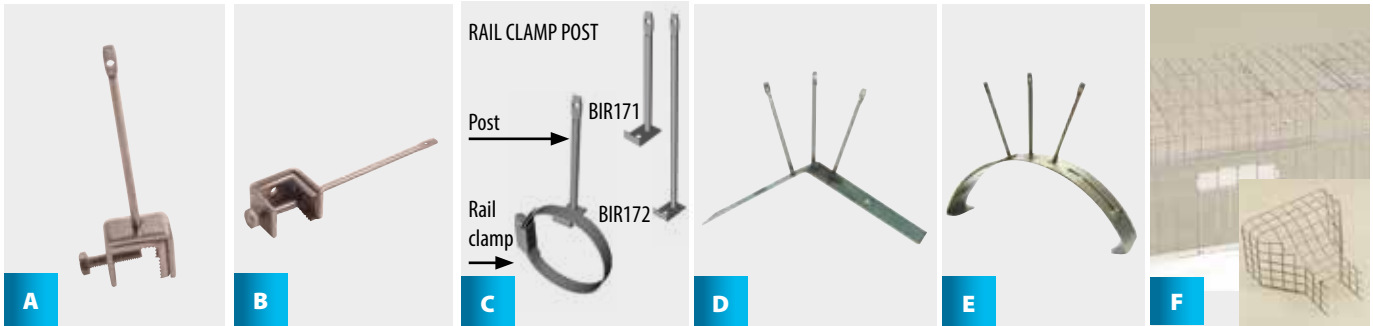
Birdwire Stainless Steel Bird Posts for bird wire systems. Use with anchor rivets or bird wire stick on posts. Made from 4mm 304 stainless steel. Available in 4 lengths. The leading edge post is normally the 125mm size, with the 150mm size used for rows behind.

<b>BIRDPOST95MM</b>	95mm (3.75") x 4mm	Pack of 100	
<b>BIRDPOST125MM</b>	125mm (5") x 4mm	Pack of 100	
<b>BIRDPOST150MM</b>	150mm (6") x 4mm	Pack of 100	
<b>BIRDPOST180MM</b>	180mm (7") x 4mm	Pack of 100	



**BIRDWIRE SYSTEM**

**TRAPS**



**A BIRDWIRE GUTTER POST**

A stainless steel birdwire post fixed to a clamp which allows the birdwire system to be fixed to the leading edge of a gutter. 95mm x 4mm.

<b>BIRDGUTPOST</b>	Pack of 10	
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**B BIRDWIRE BEAM CLAMP**

A stainless steel birdwire post fixed to a clamp which allows the birdwire system to be attached to the flange of a steel beam. Designed for horizontal flanges, girders and beams.

<b>BIRDBEAMCLAMP</b>	Pack of 10	
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**C BIRDWIRE RAIL CLAMPS**

The two part rail clamps and rail clamp posts allow more functionality: you can now fasten the clamp tightening screw in any position that best suits the installation. The rail clamp posts can be used separately for installation onto cladding by screwing in place through the 5mm fixing hole in the base.

<b>BIRDCLAMPPIG</b>	Pigeon Rail Clamp Post	Pack of 10	
<b>BIRDCLAMPGULL</b>	Gull Rail Clamp Post	Pack of 10	
<b>BIRDCLAMP45-60</b>	Rail Clamp, 45 - 60mm diameter	Pack of 10	
<b>BIRDCLAMP60-80</b>	Rail Clamp, 60 - 80mm diameter	Pack of 10	
<b>BIRDCLAMP90-120</b>	Rail Clamp, 90 - 120mm diameter	Pack of 10	

**D BIRDWIRE RIDGE BRACKETS**

A Birdwire post fixed to a clamp which allows the Birdwire system to be attached to ridges.

<b>RIDGEBRACK3X95</b>	3 x 95mm posts	Each	
<b>RIDGEBRACK3X200</b>	3 x 200mm posts	Each	

**E HALF ROUND RIDGE BRACKETS**

A Birdwire post fixed to a clamp which allows the Birdwire system to be attached to ridges.

<b>RIDGEROUND3X95</b>	3 x 95mm posts	Each	
<b>RIDGEROUND3X200</b>	3 x 200mm posts	Each	

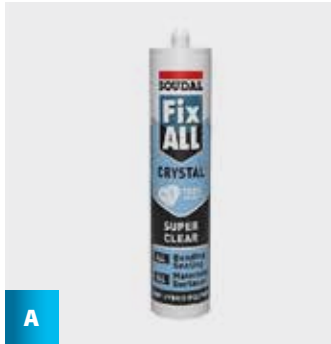
**TRAPS**

**F KC77 LARGE PIGEON TRAP**

Made from welded mesh with sheet metal galvanised base, two bob wire entrances and door in the top. Flat pack design and easy assembly on site. Trapped birds are removed through top door. Constructed from 50mm x 50mm (2" x 2") 12swg welded mesh. Zinc plated finish. Weight 5.0 kilos.

<b>KC77TRAPS</b>	1020mm x 610mm x 310mm	
<b>KC77FUNNEL</b>	Ground Funnel Entrance	

## ADHESIVES



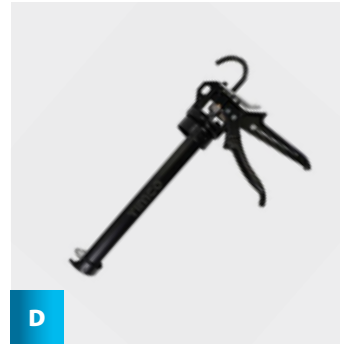
A



B



C



D

## A FIXALL CRYSTAL

Hybrid polymer sealant adhesive. 100% CRYSTAL clear sealant, adhesive and filler, based on SMX Hybrid Polymer technology. Suitable for internal and external use. Can be applied in all weather conditions. Primerless adhesion on most construction materials, including wet and damp surfaces. Contains XS1 fungicides providing ultimate mould resistance.

**FIXCRYSTAL300ML** 1 x 300ml

## B SURFACE CLEANER

Surface Cleaner is a universal solvent cleaner designed for use prior to the application of adhesives.

**SURFCLEAN500ML** 1 x 500ml

## C CARTRIDGE CUTTER

Simplify the handling of silicon cartridges with the cap and spout trimmer. It saves time and reduces the risk of injury from open blades.

**KGA001** Each

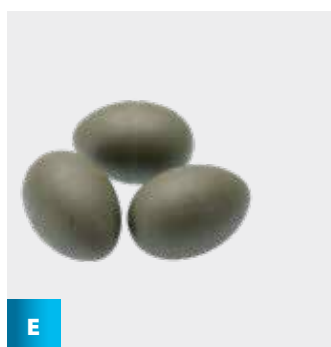
## D PROFESSIONAL SEALANT GUN

A 48mm heavy duty sealant and caulking gun.

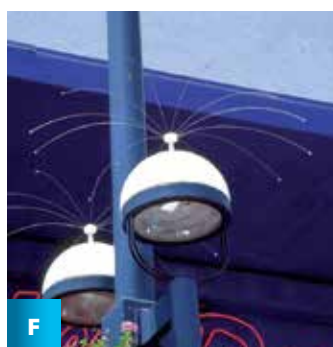
- Swivel action barrel for easy application into tight corners
- A convenient hook end for hanging
- Patented non-drip mechanism
- 12:1 trigger ratio
- 820g approximate gun weight

**PROSEALGUN** Each

## ANCILLARY BIRD PRODUCTS



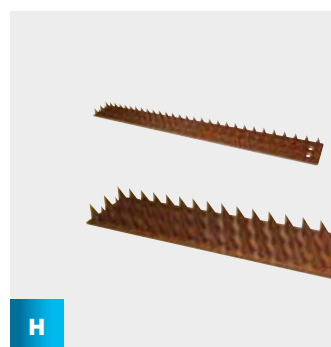
E



F



G



H

### E PLASTIC GULL EGG

With gull populations increasing in urban environments, nuisance seagull colonies continue to rise. Research has shown that urban gulls happily accept imitation eggs and will incubate these for twice the normal incubation time, allowing seagull populations to decline naturally. These imitation eggs are made of plastic and are weighted with sand so that they look and feel authentic. Size: 60mm x 44mm, Weight: 60g (e)

Plastic imitation eggs are easy to deploy, require fewer rooftop visits and can be re-used each year. Imitation eggs can reduce aggression in Lesser Backed and Herring Seagulls. Aggression happens when the young birds are leaving the nest. By replacing the real eggs at the start of the season noise and nuisance levels are noticeably reduced. Plastic imitation eggs have a higher success rate of controlling gull populations than traditional methods such as egg oiling. It is also less messy and more cost effective. Repeated replacement of imitation eggs each breeding season, ultimately reduces the number of hatchlings and future recruits within treated areas. Nuisance populations in treated areas will decline in the long term in an environmentally friendly and humane manner.

<b>GULLEGG</b>	Each	
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### F THE DADDI LONG LEGS™ SYSTEMA

Pigeons LIGHT to MEDIUM PRESSURE

Seagulls LIGHT PRESSURE

This is a unique bird-repelling product, which uses a rotating system of long stainless steel wires, which wave about in the wind or when a bird comes into contact with them. The Daddi Long Legs System can either be screwed into position, or it can be glued using the Stick On base, using a glue such as FIXALL. To re-install, simply force the lock-washer up inside the housing with a screw-driver.

<b>DADLONG4FOOT</b>	4' (1.3m) diameter	Each	
<b>DADLONG8FOOT</b>	8' (2.4m) diameter	Each	

### G WELDMESH

Available in two sizes, one for mice and one for pigeons. Width = 0.9 metres. Also available are clips for attaching the weldmesh.

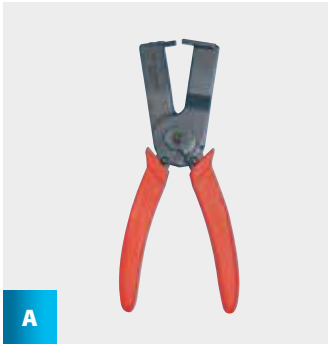
<b>MESH6M25MM</b>	25mm x 25mm	6 metre roll	
<b>MESH6M6.5MM</b>	6.5mm x 6.5mm	6 metre roll	
<b>MESHCLIPS50</b>	Pack of 50		

### H PRICKLER STRIP

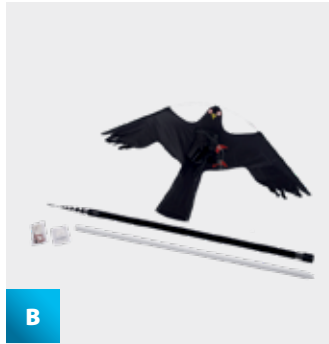
The Prickler Strip consists of an array of closely arranged cones formed from weather-proof PVC. Designed to deter prowlers and predators, without harm, and can be screwed or glued. Size 460mm x 48mm. Supplied in Brown.

<b>PRICKLERBR46</b>	Brown	Each	
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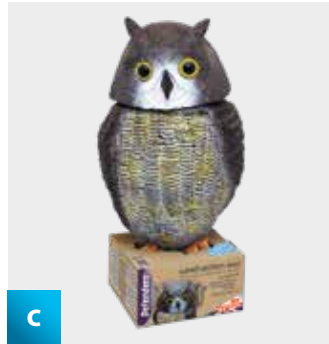
## ANCILLARY BIRD PRODUCTS



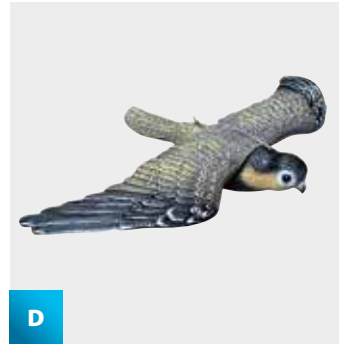
A



B



C



D

### A HUMANE BIRD DESPATCHER

This is a special humane despatcher for killing trapped, narcotised or injured birds, by neck dislocation.

**BIRDESPATCH** Each

### B HAWK KITE

- Tethered hawk kite scares pest birds away by constantly weaving and hovering
- Full kit includes kite, telescopic pole and line, full range of spares available
- Highly effective, an ideal solution for playing fields, landfill, industrial roofs etc
- Quick to assemble & low maintenance, however it should not be left out in high winds
- Quietly patrols 24/7 mimics a bird of prey, under which pest birds will not go.
- Protects approximately 20 acres of flat land or 400 square metres of roof area
- Can be used in conjunction with a bio-acoustic deterrent for added effect

**HAWKKITE** Each

### C WIND-ACTION OWL

Rotating head and reflective eyes to deter pests. The Wind-Action Owl is an ideal way to watch over and protect vulnerable garden areas from pests. Set it up using the mounting hole on the base wherever pests are a problem. Wind and reflected light animate the wind-action owl to deter pests naturally.

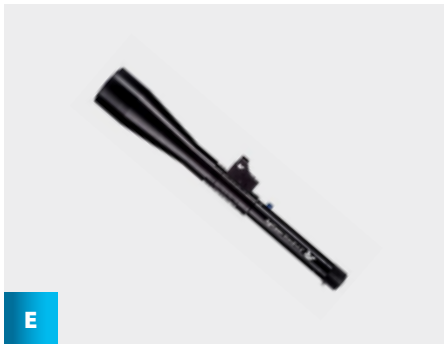
**OWLWIND** Each

### D FLYING FALCON

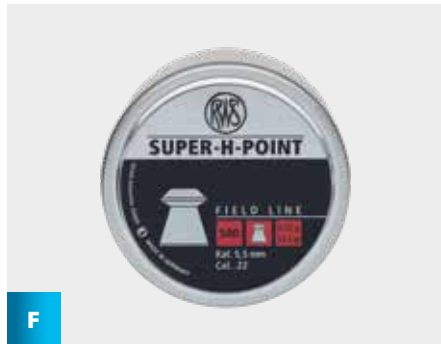
Diving bird of prey deters foraging birds from seeds, seedlings, and other vulnerable garden areas. The Flying Falcon comes complete with hanging system for easy set-up in gardens or vulnerable roosting sites in buildings. As it moves in the wind this life-like predator deters other birds naturally and without doing them harm.

**FALCONFLY** Each

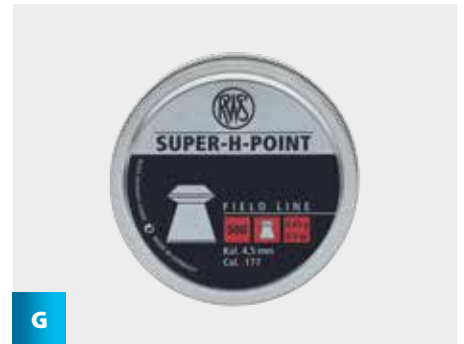
## ANCILLARY BIRD PRODUCTS



E



F



G

### E AGRILASER HANDHELD 100

To make operation over long distances more accurate and safe, the Agrilaser Handheld is equipped with a red dot sight. The sight makes it possible for a bird controller to accurately aim the Agrilaser Handheld at the desired target before activating the laser.

- Easy to use
- Range up to 2,500 meters
- Fast and long-lasting results
- Suitable for repelling most bird species
- Animal and environmentally friendly

**To be able to purchase this product, you will need to complete an on-line training course. The course is free of charge, please contact the Killgerm Customer Service Team who will provide the details.**

**AGRILASERHH** Each

### F SUPER H POINT .22 PELLETS

The RWS Super-H-Point 0.45g Air Gun pellet is a smooth diablo pellet with a hollow point due to it'd high deformation qualities, it guarantees very good penetration power and maximum shock effect with game. Perfect for hunting.

**SUPERH.22PEL** Pack of 500

### G SUPER H POINT .177 PELLETS

The RWS Super-H-Point 0.45g Air Gun pellet is a smooth diablo pellet with a hollow point due to it'd high deformation qualities, it guarantees very good penetration power and maximum shock effect with game. Perfect for hunting.

**SUPERH.177PEL** Pack of 500

## GUANO CLEARANCE



### A PX-ORNIKILL

Contains Chlorhexidine and QAC's (<7.5% w/v)

**HAZARD INFORMATION:** H314, H412, P260, P264, P273, P280, P301 + P330 + P331, P303 + P361 + P353, P304 + P340, P305 + P351 + P338, P315, P405

Operators cleaning up bird droppings run the risk of inhaling dust containing micro-organisms which may cause ornithosis, psittacosis, histoplasmosis, salmonellosis and other serious diseases. By treating areas where birds are known to have been present with PX®-Ornikill, before, during and after commencement of work, the risk of disease transfer is much reduced. PX®-Ornikill contains a powerful biocide which will kill the bacteria, viruses, fungi, protozoa and rickettsiales (including Chlamydia, E. coli O157, Salmonella, Listeria and Cryptococcus and others) commonly associated with pigeons, starlings, gulls and other pest birds.

Normal dilution 1:50.

Dilution of 1:10 to treat dead birds and nesting materials.

<b>PXORN001L</b>	1 x 1ltr squeeze and pour	
<b>PXORN005L</b>	1 x 5ltr	

### B CLEAR POLYTHENE SACKS

To prevent contamination of personnel by spent pesticides and contaminated PPE it is recommended that it is bagged in 300 gauge clear polythene sacks. This grade of bag should be used when transporting pesticide waste to Killgerm's transfer station. These bags can also be used to bag up pigeon guano prior to disposal.

<b>PLASTSACK</b>	300 gauge clear polythene sacks (Pack of 25)
<b>CABLETIE430MM</b>	UV stable Cable ties 430mm x 4.8mm (Pack of 100)

### C TYVEK® 600 PLUS COVERALLS TYPE 4, 5 & 6 (FORMERLY TYVEK® CLASSIC PLUS)

The Tyvek® 600 Plus Coverall offers protection against categories 4,5 and 6. The garment design offers ease of movement to the wearer, while the hood and elastic around the hood are designed for tight fit around a full face respirator. The seams are stitched and overtaped, offering equal barrier as fabric.

	WHITE
<b>TYVEK600-M</b>	Medium (36-39.5")
<b>TYVEK600-L</b>	Large (39-42.5")
<b>TYVEK600-XL</b>	Extra large (42-46")
<b>TYVEK600-XXL</b>	Extra, extra large (45.5-49")

### D SUNDSTROM FULL-FACEMASK RESPIRATOR

Conforms to EN 136 standard. A silicon wide-vision full-facemask for optimum protection, comfort and vision.

<b>SUNDFULLMASK</b>	Each
<b>SUNDFILP3</b>	P3 Filter





Killgerm®

You know when  
you're in safe hands!

[www.killgerm.com](http://www.killgerm.com)

PX

RANGE

Killgerm's exclusive  
range of cleaning and  
hygiene products

Manufactured by experts for use by professionals

## SUMMARY OF PRODUCTS AND ACTIVE INGREDIENTS

For general disinfecting and deodorising the following products are available. These products would be suitable for use in hospitals, institutions, industrial premises, catering establishments, food handling and processing plants, abattoirs, etc., chosen according to the indications given in the table below. Product efficacy can be gauged for a particular situation by reference to the individual product label and technical data sheet. Specialist advice is available to ensure that the best product for the job is selected.

## PRODUCT PROPERTIES AND AREAS OF USE DATA

PRODUCT NAME	DISINFECTANT	DEODORANT	ACTIVE INGREDIENT	USES /NOTES
PX-ORNIKILL	✓	✗	QAC + Chlorhexidine	Use in situations where pest birds have been present. 1
ANTI-STATIC	✗	✗	Surfactants	Anti-static formulation. 2
SOL-ODAMASK	✗	✓	Deodorants	Industrial deodorant. 3

## Notes

1. Product has a citrus odour. Not for direct use on food preparation surfaces or in food preparation areas. Ready to use ULV presentation is available.
2. Anti-static formulation for dilution with water and spray application.
3. Industrial deodorant for dilution with water and spray application.
4. Concentrated odour countering formulation for diluting in water and spray application or via ULV presentation dispenser. Wild mint odour.
5. Non-caustic, non-corrosive, non-toxic, biologically enhanced formulation, that can be used neat or diluted for spray application.



## A KILLGERM NILAQUA INSTANT HAND SANITISER

Killgerm Hand Sanitiser (Nil aqua) is an alcohol-free, quick drying hand sanitiser that offers post application protection for up to 6 hours. Based on two active ingredients, Didecyl Dimethyl Ammonium Chloride and Quaternary Ammonium Compounds, it kills up to 99.9999% of germs, including Coronavirus, MRSA, C-diff, Norovirus and more. Killgerm Hand Sanitiser (Nil aqua) is non-skin drying and non-skin irritating. EN1500 approved product (Hygienic Hand Rub test - pass).

**NILAQUA7X100** 7 x 100ml

## B PX-ORNIKILL

Contains Chlorhexidine and QAC's (<7.5% w/v)

**HAZARD INFORMATION: H314, H412, P260, P264, P273, P280, P301 + P330 + P331, P303 + P361 + P353, P304 + P340, P305 + P351 + P338, P315, P405**

Operators cleaning up bird droppings run the risk of inhaling dust containing micro-organisms which may cause *ornithosis*, *psittacosis*, *histoplasmosis*, *salmonellosis* and other serious diseases. By treating areas where birds are known to have been present with PX®-Ornikill, before, during and after commencement of work, the risk of disease transfer is much reduced. PX®-Ornikill contains a powerful biocide which will kill the bacteria, viruses, fungi, protozoa and rickettsiales (including *Chlamydia*, *E. coli* O157, *Salmonella*, *Listeria*, *Cryptococcus* and others) commonly associated with pigeons, starlings, gulls and other pest birds. Normal dilution 1:50. Dilution of 1:10 to treat dead birds and nesting materials.

**PXORN001L** 1 x 1 litre squeeze and pour



**PXORN005L** 1 x 5 litres





**C SOL-ODAMASK**

**HAZARD INFORMATION:** H315, H411, P210, P233, P243, P261, P264, P273, P280, P302 + P352, P333 + P313, P362, P391, P403, P501  
 Sol-Odamask is a highly concentrated formulation of essential oils, odour absorbents and emulsifiers. This deodorant product is non-corrosive even at high levels of concentration. It can be used at a dilution of between 1:150 and 1:1000 depending on the intensity of the malodour.

<b>SOLOH001L</b>	1 x 1 litres		
<b>SOLOH005L</b>	1 x 5 litres		
<b>SOLOH200L</b>	1 x 200 litres		

**D PX-MURO**

Contains Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-C16)) 17.84g/Kg, Didecylidimethylammonium Chloride 17.84g/Kg, N-(3-Aminopropyl)-N-dodecylpropane1,3-diamine 14.99g/Kg

**HAZARD INFORMATION:** H314, H412, P260, P264, P273, P280, P301 + P330 + P331, P303 + P361 + P533, P304 + P340, P305 + P351 + P338, P315, P405

PX-Muro is used to control the disease organisms associated with pest rodents (rats and mice) and has been formulated to help combat the potentially fatal Hantavirus.

- It is intended for use by pest control operators or other competent users who might come into contact with rodent droppings, urine, nesting materials, carcasses, or those who might work in areas where rodents have been active
- Potentially fatal Hantavirus has been found in UK rats
- Hantavirus can lead to haemorrhagic fever in humans and is believed to be contracted by contact with or inhalation of dust from rodent droppings or urine.
- Salmonella spp can survive in rat faeces for up to 86 days
- E. coli has been recovered from rodent faeces for over 36 weeks

<b>PXMUR0001L</b>	1 x 1 litre squeeze and pour		
<b>PXMUR0005L</b>	1 x 5 litres		

**E NILAQUA DISPENSER**

Nilaqua Dispensers are ideal for all washrooms with high traffic and come with a refillable cartridge that provides less waste environmentally and cost benefits too. Holds up to 1000ml and made from durable ABS plastic. Refills are available in 5 litre bottles or 800ml pouches.

- "Slim Look" design
- Glossy shiny surface
- Recessed window for viewing soap levels
- Permanent install with screw sets or adhesive for effortless installation

<b>NILAQUADISP</b>	Each		
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**F NILAQUA HAND SANITISER REFILL**

Nilaqua hand sanitisers are alcohol-free, killing germs whilst being kind and gentle to the skin.

- Alcohol Free Sanitiser
- EN1500 approved
- Non-irritating, drying and toxic
- Tested Food and Skin Safe
- Won't remove nail polish
- Dries quickly, fragrance free
- Doesn't leave an oily residue Nilaqua Sanitiser kills germs fast, yet is gentle to the skin and won't sting cuts or dry the skin.

<b>NILAQUA800ML</b>	1 x 800ml pouch		
<b>NILAQUA005L</b>	1 x 5 Litres		

— START YOUR DAY THE KILLGERM® WAY —



## NEW DATES FOR 2024

### NORTHERN

07<sup>th</sup> February - Durham  
13<sup>th</sup> February - Cheshire  
28<sup>th</sup> February - Hull  
11<sup>th</sup> April - Lancaster  
20<sup>th</sup> November - Doncaster

### MIDLANDS

16<sup>th</sup> April - Derby  
01<sup>st</sup> May - Bury St Edmonds

### SOUTHERN

21<sup>st</sup> February - Chelmsford  
20<sup>th</sup> March - Bristol  
10<sup>th</sup> April - Haydock  
15<sup>th</sup> May - Brighton  
02<sup>nd</sup> October - St Albans  
08<sup>th</sup> October - Maidstone  
30<sup>th</sup> October - Winchester  
11<sup>th</sup> December - Northampton

### SCOTLAND

27<sup>th</sup> February - Glasgow  
02<sup>nd</sup> October - West Lothian

Book online at

[www.killgerm.com](http://www.killgerm.com) or call 01924 268516



# An essential tool for every pest controller

[www.killgerm.ie](http://www.killgerm.ie)

Easy to use, quick to navigate and full of information.



## The Killgerm Support & Ordering Apps!

Now you can get all the latest, trusted pest control information, wherever you're connected! Download apps on the App Store or get them on Google Play.



## Responsive

It is a responsive website, which means that the website responds directly to the device that it is being viewed on. The result is an optimal viewing experience. Any device, same great website.



## Technical and Training

The technical section of our website offers a full calendar of our training dates with the ability to reserve your place with just the click of a button. It has a frequently asked questions page and can guide you to all the information you need regarding insect identification, inspections and audits.



## Technical Advice

Our Technical Support Advisor, Louise Loben is on the end of our dedicated technical hotline to answer your daily queries.



## Downloads

The free downloads section which includes work-studies, environmental assessments, safety data sheets, labels and instructions for use, provides our customers with a vast library of information that is easily accessible and quick to call on.



## Events, News & Resources

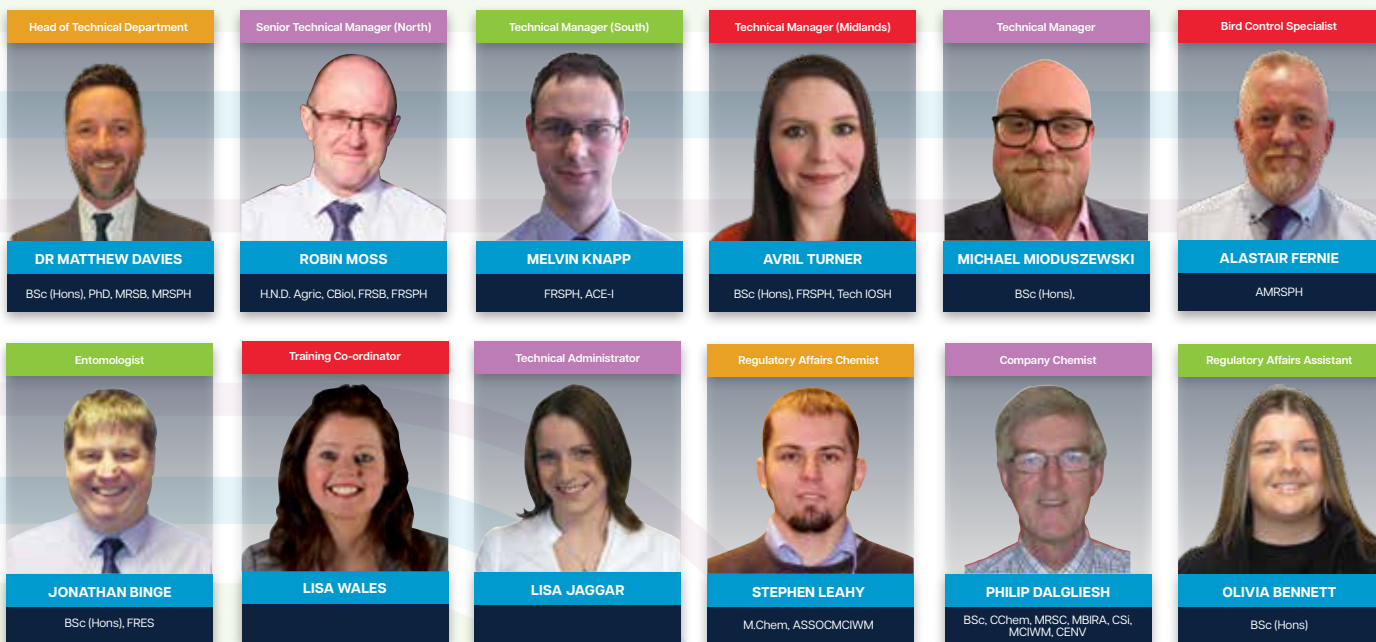
All the details of our workshops and free breakfast meetings with the ability to book your place online can be found here. With an up-to-date news section, a recruitment page is full of vital information and resources.



# Technical Support Team

## KILLGERM TECHNICAL SUPPORT

Killgerm's highly qualified technical department is the largest of any distributor in Europe. We are committed to supporting you every step of the way - from independent and unbiased advice on product selection to helping to solve technical problems. You only have to pick up the phone to receive technical help. Killgerm is dedicated to bringing you the largest range of innovative products first, providing you with the tools you need that make a difference. Developing, reviewing and testing products to ensure that they are practical, effective and low risk for their intended purposes. Our product development team have contacts in pest control all over the world, meaning we are one of the first to hear about new products.



## INSECT IDENTIFICATION

Killgerm Insect Identification Service provides details of the biology of the pest and helpful advice on any necessary control measures.

Killgerm endeavours to provide a full ID report within 14 working days because we know how important it is to your business to receive this information quickly. Samples can be sent to: Killgerm Identification, Wakefield Road, Ossett, West Yorkshire, WF5 9AJ.

Please ensure that your address and contact telephone number are clearly visible on the padded envelope (or other suitable packaging) when sending specimens for identification. Please submit specimens in crushproof, non-metallic containers with securely sealed lids and ensure specimen is dead before posting. Failure to carry out these simple precautions may result in a delay before the package is opened and dealt with.

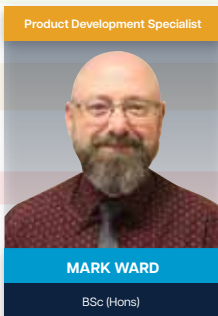
The service is free of charge to existing Killgerm customers (subject to account status). The service is charged at £75 + VAT to non-customers.

The identification of spiders is not within our area of expertise. Please contact the Natural History Museum ([www.nhm.ac.uk](http://www.nhm.ac.uk)) for spider identifications. Please note that large samples such as vacuum bag contents will be returned unchecked. Small samples of vacuum bag contents or contaminated produce can be inspected and must not exceed the 30ml volume of a screw-top sample tube.

Occasional catch-tray / glue board analysis of flying insects from electronic fly killers is chargeable at £120+VAT per tray / board or other large sample of insects e.g. more than the contents of a 30ml sample tube.

Please email the Technical Team below for further details or visit <https://killgerm.training/insect-identification/> to download the Insect ID form.

For further information regarding this service contact [identification@killgerm.com](mailto:identification@killgerm.com)

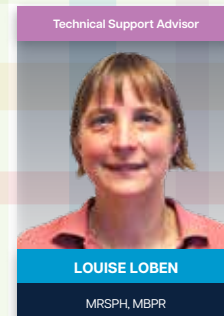


MARK WARD

BSc (Hons)

## KILLGERM PRODUCT DEVELOPMENT

The product development department source innovative and creative solutions for the professional pest control industry. They develop new products for Killgerm, ensuring that they are practical, effective and safe for their intended purposes. In addition, the product development department undertakes product testing and evaluation to ensure that the selection of products offered by Killgerm meets customer's requirements.



LOUISE LOBEN

MRSPh, MBPR

## TECHNICAL SUPPORT ADVISOR

Louise Loben, our Technical Support Advisor, is on the end of our dedicated technical hotline to answer your daily enquiries.

**01924 268512**





# NORTHERN COURSES 2024

Date	Venue	Cost plus VAT
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
Open Awards Level 2 Award in the Principles of Rodent Control		
13th Feb 2024	Ossett	* £165/£195
16th April 2024	Ossett	* £165/£195
4th June 2024	Ossett	* £165/£195
3rd Sept 2024	Ossett	* £165/£195
3rd Dec 2024	Ossett	* £165/£195
Killgerm Principles of Insect Control		
14th & 15th Feb 2024	Ossett	* £190/£220
17th & 18th April 2024	Ossett	* £190/£220
4th & 5th Sept 2024	Ossett	* £190/£220
<b>REFRESHER COURSES</b>		
Pest Control Refresher/Update		
1st May 2024	Ossett	* £65/£165
14th Nov 2024	Ossett	* £65/£165
<b>SPECIALIST COURSES</b>		
Safe use of Air Weapons for Bird Control		
24th April 2024	Doncaster	£220 Inc lunch
14th May 2024	Holmes Chapel	£220 Inc lunch
15th Oct 2024	Holmes Chapel	£220 Inc lunch
Bird Control		
22nd & 23rd April 2024	Holmes Chapel	£300 Inc lunch
Bird Free		
23rd May 2024	Ossett	£130 Inc lunch
Bird Guano		
21st Feb 2024	Ossett	£130 Inc lunch
16th Oct 2024	Ossett	£130 Inc lunch
Insect Identification		
16th May 2024	Ossett	£220 Inc lunch
Flying Insect Management		
5th March 2024	Ossett	£165 Inc lunch
Drainage Investigations & Rat Control		
29th Feb 2024	Ossett	£220 Inc lunch
20th June 2024	Ossett	£220 Inc lunch
17th Oct 2024	Ossett	£220 Inc lunch
<b>PRACTICAL COURSES</b>		
Trapping Techniques		
21st March 2024	Killamarsh	£165 Inc lunch
3rd Oct 2024	Killamarsh	£165 Inc lunch
21st Nov 2024	Killamarsh	£165 Inc lunch

Date	Venue	Cost plus VAT
<b>INSECT WORKSHOPS</b>		
Insect Workshop 2 - Ants, Bees & Wasps		
19th March 2024	Ossett	£165 Inc lunch
Insect Workshop 1 - Bedbugs & Fleas		
20th March 2024	Ossett	£165 Inc lunch

**ROYAL SOCIETY FOR PUBLIC HEALTH AND BRITISH PEST CONTROL ASSOCIATION - LEVEL 2 AWARD IN PEST MANAGEMENT**  
FEE - £950 + VAT per person (includes Killgerm manual, RSPH Exam, lunch & refreshments)

Venue: Ossett	
Unit 3	Monday 22nd & Tuesday 23rd January 2024
Unit 1	Monday 29th & Tuesday 30th January 2024
Unit 2	Monday 5th & Tuesday 6th February 2024
Examination	Wednesday 7th February 2024
Venue: Ossett	
Units 1 to 3	Tuesday 11th June - Tuesday 18th June 2024
Examination	Wednesday 19th June 2024
Venue: Ossett	
Unit 3	Monday 7th & Tuesday 8th October 2024
Unit 1	Monday 14th & Tuesday 15th October 2024
Unit 2	Monday 21st & Tuesday 22nd October 2024
Examination	Wednesday 23rd October 2024

**ROYAL SOCIETY FOR PUBLIC HEALTH LEVEL 3 AWARD IN PEST MANAGEMENT. FEE - £850 + VAT per person**  
(includes RSPH Exam, lunch & refreshments)

Venue: TBC	
Training and Information day	
Core Unit examination	

**Course Charges**

\* Reduced rate applies to existing Killgerm customers who have reached a set minimum annual spend limit.

## SOUTHERN COURSES 2024

Date	Venue	Cost plus VAT
<b>EAST ANGLIA</b>		
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
<b>Open Awards Level 2 Award in the Principles of Rodent Control</b>		
12th March 2024	Norwich	* £165/£195
<b>Killgerm Principles of Insect Control</b>		
13th & 14th March 2024	Norwich	* £190/£220
<b>REFRESHER COURSES</b>		
<b>Pest Control Refresher/Update</b>		
25th June 2024	Norwich	* £65/£165
<b>INSECT WORKSHOPS</b>		
<b>Insect Workshop 2 - Ants, Bees and Wasps</b>		
30th April 2024	Norwich	£165 Inc lunch

Date	Venue	Cost plus VAT
<b>SURREY</b>		
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
<b>Open Awards Level 2 Award in the Principles of Rodent Control</b>		
5th March 2024	Lingfield	* £165/£195
16th July 2024	Lingfield	* £165/£195
24th Sept 2024	Lingfield	* £165/£195
<b>Killgerm Principles of Insect Control</b>		
6th & 7th March 2024	Lingfield	* £190/£220
17th & 18th July 2024	Lingfield	* £190/£220
25th & 26th Sept 2024	Lingfield	* £190/£220

Date	Venue	Cost plus VAT
<b>SPECIALIST COURSES</b>		
<b>Safe use of Air Weapons for Bird Control</b>		
30th April 2024	Reading	£220 Inc lunch
23rd July 2024	Reading	£220 Inc lunch
3rd Sept 2024	Reading	£220 Inc lunch
26th Nov 2024	Reading	£220 Inc lunch
<b>Bird Control</b>		
24th & 25th July 2024	Reading	£300 Inc lunch
<b>Drainage Investigations &amp; Rat Control</b>		
6th June 2024	Reigate	£220 Inc lunch

Date	Venue	Cost plus VAT
<b>BERKSHIRE &amp; HAMPSHIRE</b>		
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
<b>Open Awards Level 2 Award in the Principles of Rodent Control</b>		
19th March 2024	Newbury	* £165/£195
15th May 2024	Newbury	* £165/£195
3rd Sept 2024	Newbury	* £165/£195
14th Nov 2024	Newbury	* £165/£195
<b>Killgerm Principles of Insect Control</b>		
20th & 21st March 2024	Newbury	* £190/£220

Date	Venue	Cost plus VAT
<b>REFRESHER COURSES</b>		
<b>Pest Control Refresher/Update</b>		
4th Sept 2024	Newbury	* £65/£165

Date	Venue	Cost plus VAT
<b>SPECIALIST COURSES</b>		
<b>Flying Insect Management</b>		
21st May 2024	Newbury	£165 Inc lunch
<b>Drainage Investigations &amp; Rat Control</b>		
9th May 2024	Newbury	£220 Inc lunch
12th Sept 2024	Newbury	£220 Inc lunch

Date	Venue	Cost plus VAT
<b>INSECT WORKSHOPS</b>		
<b>Insect Workshop 1 - Bedbugs &amp; Fleas</b>		
2nd May 2024	Newbury	£165 Inc lunch
<b>Insect Workshop 2 - Ants, Bees &amp; Wasps</b>		
1st May 2024	Newbury	£165 Inc lunch

Date	Venue	Cost plus VAT
<b>PRACTICAL COURSES</b>		
<b>Trapping Techniques</b>		
5th Sept 2024	Hampshire	£165 Inc lunch

Date	Venue	Cost plus VAT
<b>BRISTOL</b>		
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
<b>Open Awards Level 2 Award in the Principles of Rodent Control</b>		
23rd April 2024	Bristol	* £165/£195
19th Nov 2024	Bristol	* £165/£195
<b>Killgerm Principles of Insect Control</b>		
24th & 25th April 2024	Bristol	* £190/£220
20th & 21st Nov 2024	Bristol	* £190/£220

Date	Venue	Cost plus VAT
<b>REFRESHER COURSES</b>		
<b>Pest Control Refresher/Update</b>		
17th Oct 2024	Bristol	* £65/£165

Date	Venue	Cost plus VAT
<b>SPECIALIST COURSES</b>		
<b>Safe use of Air Weapons for Bird Control</b>		
12th Sept 2024	Portishead, Bristol	£220 Inc lunch
<b>Bird Control</b>		
10th & 11th Sept 2024	Portishead, Bristol	£300 Inc lunch
<b>Drainage Investigations &amp; Rat Control</b>		
7th March 2024	Bristol	£220 Inc lunch

Date	Venue	Cost plus VAT
<b>INSECT WORKSHOPS</b>		
<b>Insect Workshop 2 - Ants, Bees &amp; Wasps</b>		
14th May 2024	Bristol	£165 Inc lunch

Date	Venue	Cost plus VAT
<b>MIDLANDS</b>		
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
<b>Open Awards Level 2 Award in the Principles of Rodent Control</b>		
5th March 2024	Burton on Trent	* £165/£195
29th Oct 2024	Burton on Trent	* £165/£195
<b>Killgerm Principles of Insect Control</b>		
6th & 7th March 2024	Burton on Trent	* £190/£220
30th & 31st Oct 2024	Burton on Trent	* £190/£220

Date	Venue	Cost plus VAT
<b>REFRESHER COURSES</b>		
<b>Pest Control Refresher/Update</b>		
18th Sept 2024	Burton on Trent	* £65/£165

Date	Venue	Cost plus VAT
<b>SPECIALIST COURSES</b>		
<b>Safe use of Air Weapons for Bird Control</b>		
18th April 2024	Kibworth	£220 Inc lunch
11th July 2024	Kibworth	£220 Inc lunch
19th Sept 2024	Kibworth	£220 Inc lunch
<b>Bird Control</b>		
17th & 18th Sept 2024	Kibworth	£300 Inc lunch
<b>Bird Free</b>		
17th April 2024	Kibworth	£130 Inc lunch
<b>Insect Identification</b>		
19th Sept 2024	Burton on Trent	£220 Inc lunch
<b>Drainage Investigations &amp; Rat Control</b>		
22nd Feb 2024	Burton on Trent	£220 Inc lunch
15th August 2024	Burton on Trent	£220 Inc lunch

Date	Venue	Cost plus VAT
<b>INSECT WORKSHOPS</b>		
<b>Insect Workshop 1 - Bedbugs &amp; Fleas</b>		
5th Sept 2024	Burton on Trent	£165 Inc lunch
<b>Insect Workshop 2 - Ants, Bees &amp; Wasps</b>		
9th April 2024	Burton on Trent	£165 Inc lunch

**Course Charges**

\* Reduced rate applies to existing Killgerm customers who have reached a set minimum annual spend limit.



## SOUTHERN COURSES 2024

<b>ROYAL SOCIETY FOR PUBLIC HEALTH AND BRITISH PEST CONTROL ASSOCIATION - LEVEL 2 AWARD IN PEST MANAGEMENT. FEE - £950 + VAT per person (includes Killgerm manual, RSPH Exam, lunch &amp; refreshments)</b>	
<b>Newbury</b>	
Unit 3	Monday 12th & Tuesday 13th February 2024
Unit 1	Monday 19th & Tuesday 20th February 2024
Unit 2	Monday 26th & Tuesday 27th February 2024
Examination	Wednesday 28th February 2024
<b>Reigate</b>	
Unit 3	Monday 28th & Tuesday 29th October 2024
Unit 1	Monday 4th & Tuesday 5th November 2024
Unit 2	Monday 11th & Tuesday 12th November 2024
Examination	Wednesday 13th November 2024
<b>ROYAL SOCIETY FOR PUBLIC HEALTH LEVEL 3 AWARD IN PEST MANAGEMENT. FEE - £850 + VAT per person (includes RSPH Exam, lunch &amp; refreshments)</b>	
<b>Venue: TBC</b>	
Training and Information day	
Core Unit examination	

For further information on any of these training courses or to book your place, call Lisa Wales on

**01924 268445**

Alternatively email:  
[training@killgerm.com](mailto:training@killgerm.com)  
or book online at  
[www.killgerm.training](http://www.killgerm.training)

## SCOTTISH COURSES 2024

Date	Venue	Cost plus VAT
<b>BASIC PRINCIPLES OF PEST CONTROL</b>		
<b>Open Awards Level 2 Award in the Principles of Rodent Control</b>		
21st May 2024	Livingston	* £165/£195
19th Nov 2024	Perth	* £165/£195
<b>Killgerm Principles of Insect Control</b>		
22nd & 23rd May 2024	Livingston	* £190/£220
20th & 21st Nov 2024	Perth	* £190/£220
<b>REFRESHER COURSES</b>		
<b>Pest Control Refresher/Update</b>		
10th April 2024	Livingston	* £65/£165
4th Sept 2024	Perth	* £65/£165
<b>SPECIALIST COURSES</b>		
<b>Safe use of Air Weapons for Bird Control</b>		
8th Oct 2024	Cluny Clays Leisure Centre, Cluny by Kirkcaldy	£220 Inc lunch
<b>Bird Control</b>		
9th & 10th Oct 2024	Cluny Clays Leisure Centre, Cluny by Kirkcaldy	£300 Inc lunch
<b>Bird Quano</b>		
11th April 2024	Livingston	£130 Inc lunch
<b>PRACTICAL COURSES</b>		
<b>Trapping Techniques</b>		
17th April 2024	TBC	£165 Inc lunch
<b>INSECT WORKSHOPS</b>		
<b>Insect Workshop 2 - Ants, Bees &amp; Wasps</b>		
9th April 2024	Livingston	£165 Inc lunch

**Course Charges**

\* Reduced rate applies to existing Killgerm customers who have reached a set minimum annual spend limit.

<b>ROYAL SOCIETY FOR PUBLIC HEALTH AND BRITISH PEST CONTROL ASSOCIATION - LEVEL 2 AWARD IN PEST MANAGEMENT. FEE - £950 + VAT per person (includes Killgerm manual, RSPH Exam, lunch &amp; refreshments)</b>	
<b>Venue: Scotland - Livingston</b>	
Unit 3	Tuesday 10th & Wednesday 11th September 2024
Unit 1	Tuesday 17th & Wednesday 18th September 2024
Unit 2	Tuesday 24th & Wednesday 25th September 2024
Examination	Thursday 26th September 2024



**Killgerm<sup>®</sup>**  
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# Killgerm's corporate responsibility policy

Companies you do business with should reflect your values



## The environment

All companies should be prepared to protect the environment so that those who follow us can enjoy a safe environment where they work, live and play.

Killgerm Group takes a very serious view of its responsibilities to the environment. We operate an industry supported waste disposal scheme whereby redundant pesticides and used packaging are disposed of at a subsidised rate.

Killgerm is registered under all relevant industry schemes, such as the British Agrochemical Supply Industry Scheme - a voluntary scheme whereby warehouses are inspected to ensure that they meet the highest standards.

We are a major supporter of the UK Chartered Institute of Environmental Health, which is the professional body for environmental health officers in England, Wales and Northern Ireland. We contribute regularly to the work of the CIEH's National Pest Advisory Panel.

**Killgerm has also maintained the Silver EcoVadis Medal for scoring higher than 56/100.** This result places us among the top 25 percent of companies assessed by EcoVadis. This is something we will continuously work hard to focus on in the future.

## Local Communities

Helping others in the community who need assistance is the duty of every responsible company. Staff members are regular participants in fund-raising events, and Killgerm Group supports these wherever possible.

Killgerm Group is particularly keen to assist charities and these include Water for Kids, who with the industry has helped raise £50,000, which has enabled over 30,000 people to gain clean water.

The bait boxes we have in our product range are made from 100% recyclable plastic and have come from the interior side boards of used cars.

We also sponsor a Flo Hive at the Manchester City Council, which allows them to collect honeybee swarms and relocate them.

## The Industry

Companies should be prepared to put back into the industry some of the benefits which they have received. Killgerm Group has encouraged staff to take a full part in professional and trade bodies, providing presidents, directors and committee members to a wide range of pest control industry bodies.

By supporting and funding university research projects, we have added to the scientific knowledge in the pest management industry. By providing speakers for seminars throughout the world and supporting international conferences such as ICUP, we have assisted in the dissemination of information on a wide range of subjects.

## Staff

The most important asset in any company is its staff and Killgerm Group believes in assisting staff to obtain higher qualifications. We have provided long-term employment to staff under a number of Government-backed schemes.

Killgerm Group is committed to an active Equal Opportunities Policy from recruitment to selection, through training and development, performance review and promotion through to retirement.

## Modern Slavery Act

Killgerm Group Limited recognises that modern slavery and human trafficking are significant global issues presenting a challenge for businesses worldwide. We are committed to improving our practices to combat slavery and human trafficking. We have a zero-tolerance approach to modern slavery and are committed to acting ethically and with integrity in our business dealings.

- 4.6.3 The Customer will be responsible for the payment of any import duties and taxes which are levied when the Goods reach the specified destination and for contacting its own local customs office for details about such duties and taxes as these may vary from country to country. The Supplier has no control over these charges and cannot predict their amount and advises the Customer to contact its local customs office for further information before placing an Order.
- 4.6.4 The Customer shall be responsible for complying with any legislation or regulations governing the importation of Goods into the country of destination.
- 5. DELIVERY OF GOODS**
- 5.1 The Supplier shall ensure that each delivery of the Goods is accompanied by a delivery note which shows the date of the Order, all relevant Customer and Supplier reference numbers, the type and quantity of the Goods (including the code number of the Goods, where applicable) and, if the Order is being delivered by instalments, the outstanding balance of Goods remaining to be delivered.
- 5.2 When the Customer places an Order it shall provide the Supplier with the delivery location for the Goods and:
- 5.2.1 if the Supplier is to deliver or procure delivery of the Goods, the Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree at any time before the Goods are dispatched for delivery; or
- 5.2.2 if the Customer is to collect the Goods, the Customer shall collect the goods from the Supplier's premises at Killgerm Ireland, Unit B2 Centre Point, Rosemount Business Park, Dublin 11, D11 HPS2, or such other location as may be advised by the Supplier at any time prior to delivery.
- 5.3 Delivery of the Goods shall be completed, in the case of the Supplier's delivery of the Goods, on the Goods' arrival at the location referred to in clause 5.2.1, or in the case of the Customer's collection of the Goods on the completion of loading of the Goods at the location referred to in clause 5.2.2.
- 5.4 Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods, including as a result of a Force Majeure Event as further provided for in clause 13 or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- 5.5 As the Supplier's carrier will not accept liability for damage, or non-delivery of all or part of the Goods unless the carrier is notified of any damage or non-delivery at the time of delivery, damage or non-delivery of any Goods must be notified to the Supplier's carrier in writing on delivery and a Customer's claim for such damage, or partial non-delivery or non-delivery of all of the Goods, must be submitted orally, or in writing to the Supplier within 3 Business Days of delivery of the Goods.
- 5.6 If the Goods are damaged in transit or the Supplier fails to deliver all or part of the Goods, its liability shall be limited to (at the Supplier's sole discretion) replacement of the Goods damaged or which the Supplier failed to deliver, or a refund of the price paid by the Customer for the damaged or non-delivered Goods. The Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- 5.7 If the Customer fails to notify the Supplier within the period of time referred to in clause 5.5, fails to accept delivery of the Goods from the Supplier or the Supplier's carrier, or to collect the Goods (if applicable) within 3 Business Days of the Supplier's delivery of the Goods shall be deemed to have been completed at 9.00 am on the third Business Day following the day on which the Supplier notified the Customer that the Goods were ready; and
- 5.7.1 the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).
- 5.8 If the Customer fails to accept delivery of the Goods from the Supplier or the Supplier's carrier, or if 3 Business Days after the Supplier notified the Customer that the Goods were ready for delivery the Customer has not taken delivery of them (as applicable), the Supplier may resell or otherwise dispose of part or all of the Goods and, after deducting reasonable storage and selling costs, account to the Customer for any excess over the price of the Goods or charge the Customer for any shortfall below the price of the Goods.
- 5.9 The Customer shall not be entitled to reject the Goods if the Supplier delivers up to and including 5% more or less than the quantity of Goods ordered, but a pro rata increase or reduction shall be made to the Order invoice on receipt of notice from the Customer that the wrong quantity of Goods was delivered.
- 5.10 The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Each instalment shall constitute a separate Contract. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.
- 6. QUALITY**
- 6.1 As the Supplier is not the manufacturer of the Goods, the Supplier will use all reasonable endeavours to transfer to the Customer the benefit of any warranty or guarantee given to the Supplier by the manufacturer of the Goods. Details of any warranty or guarantee of the Goods are set out on the packaging or label relating to the Goods. Subject to clause 6.3, if:
- 6.1.1 the Customer gives notice in writing to the Supplier during any warranty or guarantee period relating to the Goods within a reasonable time of discovery that some or all of the Goods do not comply with such warranty or guarantee; and
- 6.1.2 the Supplier is given a reasonable opportunity of examining such Goods; and
- 6.1.3 the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business at the Customer's cost, the Supplier shall, at its option, repair or replace the defective Goods (as applicable to the Goods), or refund the price of the defective Goods in full.
- 6.2 The Supplier shall not be liable for the Goods' failure to comply with any warranty or guarantee relating to the Goods if:
- 6.2.1 the Customer makes any further use of such Goods after giving notice in accordance with clause 6.1; or
- 6.2.2 the defect arises because the Customer failed to follow the Supplier's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice; or
- 6.2.3 the Customer alters or repairs such Goods without the written consent of the Supplier; or
- 6.2.4 the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions.
- 6.3 Except as provided in this clause 6, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with any warranty or guarantee relating to the Goods.
- 6.4 These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.
- 7. TITLE AND RISK**
- 7.1 The risk in the Goods shall pass to the Customer on completion of delivery.
- 7.2 Title to the Goods shall not pass to the Customer until the Supplier has received payment in full (in cash or cleared funds) for:
- 7.2.1 the Goods; and
- 7.2.2 all other sums which are or which become due to the Supplier for sales of the Goods or any other products or services to the Customer.
- 7.3 Until title to the Goods has passed to the Customer, the Customer shall:
- 7.3.1 hold the Goods on a fiduciary basis as the Supplier's bailee;
- 7.3.2 store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
- 7.3.3 not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
- 7.3.4 maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
- 7.3.5 notify the Supplier immediately if it becomes subject to any of the events listed in clause 11.1; and
- 7.3.6 give the Supplier such information relating to the Goods as the Supplier may require from time to time, but the Customer may resell or use the Goods in the ordinary course of its business.
- 7.4 If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 11.1, or the Supplier reasonably believes that any such event is about to happen and notifies the Customer accordingly, then, provided that the Goods have not been resold, or irrevocably incorporated into another product, and without limiting any other right or remedy the Supplier may have, the Supplier may at any time require the Customer to deliver up the Goods and, if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.
- 8. PRICE AND PAYMENT**
- 8.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's published price list in force and set out in the Supplier's catalogue or on the Supplier's website as at the date of delivery of the Goods.
- 8.2 The Supplier's price list, catalogue or website contains a number of goods which the Supplier can supply to the Customer and it is always possible that, despite the Supplier's best efforts, some of the goods set out on our price list, catalogue or website may be incorrectly priced. If goods are incorrectly priced the Customer will have the opportunity to decline or accept the revised price at the time of placing an Order.
- 8.3 If the pricing error is obvious and unmistakable and could have reasonably been recognised by the Customer as an error the Supplier is under no obligation to provide the Goods to the Customer at the incorrect price.
- 8.4 Notwithstanding the provisions of clauses 8.1 to 8.3 (inclusive), the Supplier may, by giving notice to the Customer at any time before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
- 8.4.1 any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
- 8.4.2 any request by the Customer to change the delivery date(s), quantities or types of Goods ordered; or
- 8.4.3 any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.
- 8.5 The price of the Goods is exclusive of the costs and charges of packaging, insurance and transport of the Goods, which shall be paid by the Customer when it pays for the Goods. Details of the costs and charges for transport are set out in the Supplier's catalogue in force at the date of delivery of the Goods.
- 8.6 Transport charges for overseas delivery of Goods purchased via the Supplier's website at [www.killgerm.com](http://www.killgerm.com) may differ from those charges displayed in the Customer's shopping cart on the Supplier's website and the Customer accepts the higher of those charges will apply. Value added tax (VAT) or its equivalent will be charged at the applicable rate.
- 8.7 Subject to clause 8.10, the price of the Goods is exclusive of amounts in respect of VAT. The Customer shall, on receipt of a valid VAT invoice from the Supplier, pay to the Supplier such additional amounts in respect of VAT as are chargeable on the supply of the Goods.
- Non-account Customers**
- 8.8 If a Customer does not have a pre-approved credit account with the Supplier payment for the Goods is due from the Customer and shall be made by the Customer at the time of the Customer placing an Order.
- 8.9 In the event that payment for the Goods is not made by the Customer at the time of placing an Order and the Customer is not purchasing on a preapproved credit account with the Supplier in accordance with these Conditions, the Supplier shall not be obliged to process the Order and/or deliver the Goods until such payment has been made to the Supplier. Time of payment shall be of the essence to the Contract.
- 8.10 On payment for the Goods in accordance with clause 8.8 or 8.9, the Supplier shall issue a valid receipted VAT invoice to the Customer in respect of the price of the Goods.
- Account Customers**
- 8.11 The Supplier may invoice the Customer for the Goods on or at any time after the Customer places an Order with the Supplier.
- 8.12 Customers with a pre-approved credit account with the Supplier shall pay the invoice in full and in cleared funds on or before the 20th day of the month following the month in which the invoice was dated. Payment shall be made to the bank account nominated in writing by the Supplier, or by the Customer's credit or debit card. Time is of the essence in relation to payments arising under the Contract.
- 8.13 The Supplier shall be entitled to cancel or suspend deliveries under the Contract and/or any other contract, which the Supplier may have with the Customer, if full payment is not made by the Customer, and if such payment or any part of it (including interest) shall remain in arrears for 5 Business Days after a written demand from the Supplier, the Supplier has the right to cancel the Contract and/or any other contract with the Customer, and in either case without prejudice to any other rights or remedies the Supplier may have.
- 8.14 The Supplier shall have the right, after providing notice to the Customer in writing, to cancel or suspend deliveries under the Contract and/or any other contract with the Customer without giving rise to any claim whatsoever by the Customer (even though the Customer may not be in arrears with any payment) where the Supplier considers the amount owed from the Customer (whether actually due for payment or not) is the limit to which the Supplier is prepared to allow the Customer credit.
- 8.15 If the Customer's account becomes overdue all sums payable to the Supplier under any other contract between the Supplier and the Customer shall become immediately due and payable notwithstanding the terms for payment stipulated in such other contract.
- 8.16 The Customer shall pay all amounts due under the Contract in full without any deduction or withholding except as required by law and the Customer shall not be entitled to assert any credit, set-off or counterclaim against the Supplier in order to justify withholding payment of any such amount in whole or in part. The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the customer against any amount payable by the Supplier to the Customer.
- 9. LIMITATION OF LIABILITY - THE CUSTOMER'S ATTENTION IS PARTICULARLY DRAWN TO THIS CONDITION**
- 9.1 This clause 9 sets out the entire financial liability of the Supplier (including any liability for the acts or omissions of its employees, agents, consultants, and subcontractors) to the Customer in respect of:
- 9.1.1 any breach of the Contract, including any deliberate personal repudiatory breach, or any deliberate breach of the Contract by the Supplier, or its employees, agents or subcontractors;
- 9.1.2 any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.
- 9.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.
- 9.3 Nothing in these Conditions limits or excludes the liability of the Supplier for the following:
- 9.3.1 death or personal injury resulting from negligence; or
- 9.3.2 any damage or liability incurred by the Customer as a result of fraud or fraudulent misrepresentation by the Supplier; or
- 9.3.3 breach of the terms implied by section 12 of the Sale of Goods Act 1979; or
- 9.3.4 defective products under the Consumer Protection Act 1987.
- 9.4 Subject to clause 9.2 and clause 9.3:
- 9.4.1 the Supplier shall not be liable (whether in contract, tort (including negligence) breach of statutory duty, or otherwise) for:
- 9.4.1.1 loss of profits; or
- 9.4.1.2 loss of business; or
- 9.4.1.3 depletion of goodwill and/or similar losses; or
- 9.4.1.4 loss of anticipated savings; or
- 9.4.1.5 loss of goods; or
- 9.4.1.6 loss of contract; or
- 9.4.1.7 loss of use; or
- 9.4.1.8 loss of corruption of data or information; or
- 9.4.1.9 any special, indirect, consequential or pure economic loss, costs, damages, charges or expenses.
- 9.4.2 the Supplier's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise arising in connection with the performance, or contemplated performance, of the Contract shall be limited to the greater of:
- 9.4.2.1 five thousand Euros (€); or
- 9.4.2.2 the price paid for the Goods.
- 10. DATA PROTECTION**
- 10.1 The Customer's name, address and payment record may be submitted to an external credit reference agency to run credit checks. The Supplier's use of the data in this way is entirely lawful. The Supplier has a legitimate interest in this personal data being processed for the purpose of assessing whether to grant credit accounts to the Customer.
- 10.2 All personal data will only be used in accordance with the Supplier's privacy policy. The policy can be found at <https://www.killgerm.com/about-killgerm/privacy-policy>. This policy may be updated from time to time and does not form part of this contract.
- 10.3 Information regarding the processing of the Customer's personal data and their associated rights can be found within the privacy policy referred to at clause 10.2 above.
- 10.4 Where the Supplier is processing personal data the Supplier will ensure that it has in place appropriate technical and contractual measures to ensure the security of the personal data and will guard against unauthorised or unlawful processing of the personal data and against accidental loss or destruction of, or damage to, the personal data.
- 11. TERMINATION**
- 11.1 Without prejudice to any other rights or remedies which the Supplier may have, the Supplier may terminate a Contract without liability immediately on giving written notice to the Customer if:
- 11.1.1 the Customer fails to pay any amount due under the Contract on the due date for payment and remains in default not less than 5 Business Days after being notified in writing to make such payment; or
- 11.1.2 the Customer commits a material breach of any of the terms of the Contract and (if such a breach is remediable) fails to remedy that breach within 20 Business Days of that party being notified in writing of the breach; or
- 11.1.3 the Customer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where the Customer is a company) these events take place for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer; or
- 11.1.4 (being an individual) the Customer is the subject of a bankruptcy petition or order; or



- 11.1.5 a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days; or
- 11.1.6 (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer; or
- 11.1.7 (being a company) a floating charge holder over the assets of the Customer has become entitled to appoint or has appointed an administrative receiver; or
- 11.1.8 a person becomes entitled to appoint a receiver over the assets of the Customer or a receiver is appointed over the assets of the Customer; or
- 11.1.9 any event occurs, or proceeding is taken, with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clause 11.1.1 to clause 11.1.8 (inclusive); or
- 11.1.10 the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or substantially the whole of its business; or
- 11.1.11 the financial position of the Customer deteriorates to such an extent that in the opinion of the Supplier the capability of the Customer adequately to fulfill its obligations under the Contract has been placed in jeopardy; or
- 11.1.12 (being an individual) the Customer dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his or her own affairs or becomes a patient under any mental health legislation.
- 11.1.13 there is a change of control of the Customer (as defined in section 574 of the Capital Allowances Act 2001).
- 11.2 For the purposes of clause 11.1.2 material breach means a breach (including an anticipatory breach) that is serious in the widest sense of having a serious effect on the benefit which the Supplier would otherwise derive from a substantial portion of this agreement over the term of any Contract. In deciding whether any breach is material no regard shall be had to whether it occurs by some accident, mishap, mistake or misunderstanding.
- 11.3 On termination of a Contract for any reason:
- 11.3.1 the Supplier may cancel or suspend all further deliveries of the Goods under the Contract or under any other contract between the Customer and the Supplier without incurring any liability to the Customer;
- 11.3.2 the Customer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest and, in respect of the Goods supplied but for which no invoice has been submitted, the Supplier may submit an invoice, which shall be payable immediately on receipt; and
- 11.3.3 the accrued rights and liabilities of the parties as at termination and the continuation of any provision expressly stated to survive or implicitly surviving termination shall not be affected.
- 11.4 On termination of the Contract (however arising), the following clauses shall survive and continue in full force and effect:
- 11.4.1 clause 1;
- 11.4.2 clause 9;
- 11.4.3 clause 11;
- 11.4.4 clause 12;
- 11.4.5 clause 13;
- 11.4.6 clause 14;
- 11.4.7 clause 15;
- 11.4.8 clause 16;
- 11.4.9 clause 18;
- 11.4.10 clause 20; and
- 11.4.11 clause 21.
- 12 INTELLECTUAL PROPERTY RIGHTS**
- Any Intellectual Property Rights of the Supplier provided to the Customer (including within any Document) shall, at all times, be and remain the exclusive property of the Supplier, but shall be held by the Customer in safe custody at its own risk and shall not be licensed, disposed of or otherwise used except in accordance with the Supplier's written instructions or authorisation.
- 13 FORCE MAJEURE**
- 13.1 Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A Force Majeure Event means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (whether involving its own workforce or a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics, pandemic or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors, including the default of any carrier engaged by the Supplier in delivering the Goods.
- 13.2 In the event of a Force Majeure Event resulting directly or indirectly in interfering with the means of production or transit of either raw or finished materials or otherwise affects the performance of the Contract by the Supplier the delivery of the Goods sold under the Contract or the performance of any other obligation on the part of the Supplier may be wholly or partially suspended by the Supplier who shall be entitled to be paid forthwith by the Customer for all service provided and Goods supplied up to the time of suspension or abandonment of the work.
- 14 WRITTEN COMMUNICATIONS**
- Applicable laws require that some of the information or communication the Supplier sends to the Customer the Supplier should be in writing. When using the Supplier's website, the Customer accepts that communication with the Supplier will be mainly electronic. The Supplier will contact the Customer by e-mail or provide the Customer with this electronic means of communication and acknowledges that all contracts, notices, information and other communications that the Supplier provides to the Customer electronically comply with any legal requirement that such communications be in writing. This condition does not affect the Customer's statutory rights.
- 15 NOTICES**
- 15.1 Any notice or other communication given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first-class post, recorded delivery, commercial courier, fax or e-mail.
- 15.2 A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 15.1; if sent by pre-paid first-class post or recorded delivery, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed; or, if sent by fax or e-mail, one Business Day after transmission.
- 15.3 The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.
- 16 SEVERANCE**
- 16.1 If any court or competent authority finds that any provision of the Contract (or part of any provision) is invalid, illegal or unenforceable, that provision or part-provision shall, to the extent required, be deemed to be deleted, and the validity and enforceability of the other provisions of the Contract shall not be affected.
- 16.2 If any invalid, unenforceable or illegal provision of the Contract would be valid, enforceable and legal if some part of it were deleted, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable.
- 17 VARIATION**
- 17.1 The Supplier may, from time to time and without notice, change the Goods in order to comply with any applicable safety or statutory requirements, provided that such changes do not materially affect the nature, scope of, or the charges for the Services. If the Supplier requests a change to the scope of the Goods for any other reason, the Customer shall not unreasonably withhold or delay consent to it.
- 17.2 The Supplier reserves the right to revise and amend these Conditions from time to time for reasons including changes in market conditions affecting the Supplier's business, changes in technology, changes in payment methods, changes in relevant laws and regulatory requirements and changes in the Supplier's capabilities.
- 17.3 The Customer will be subject to the Conditions in force at the time that it places an Order, unless any change to the Conditions is required to be made by law or governmental authority (in which case it will apply to Orders previously placed by the Customer), or, if the Supplier notifies the Customer of the changes to the Conditions before the Supplier accepts the Order in accordance with clause 3.4 (in which case the Supplier has the right to assume that the Customer has accepted the change to the Conditions, unless the Customer notifies the Supplier to the contrary within 5 Business Days of receipt by the Customer of the Goods).
- 17.4 Subject to clauses 17.1 to 17.3 (inclusive), no variation of the Contract or these Conditions or of any of the documents referred to in them shall be valid unless it is in writing and signed by or on behalf of each of the parties.
- 18 WAIVER**
- 18.1 A waiver of any right under the Contract is only effective if it is in writing and it applies only to the circumstances for which it is given. No failure or delay by a party in exercising any right or remedy under the Contract or by law shall constitute a waiver of that (or any other) right or remedy, nor preclude or restrict its further exercise. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that (or any other) right or remedy.
- 18.2 Unless specifically provided otherwise, rights arising under the Contract are cumulative and do not exclude rights provided by law.
- 19 ASSIGNMENT**
- 19.1 The Customer shall not, without the prior written consent of the Supplier, assign, transfer, charge, mortgage, subcontract, declare a trust of or deal in any other manner with all or any of its rights or obligations under the Contract.
- 19.2 The Supplier may at any time assign, transfer, charge, mortgage, subcontract, declare a trust of or deal in any other manner with all or any of its rights under the Contract and may subcontract or delegate in any manner any or all of its obligations under the Contract to any third party or agent.
- 19.3 Each party that has rights under the Contract is acting on its own behalf and not for the benefit of another person.
- 20 NO PARTNERSHIP OR AGENCY**
- Nothing in the Contract is intended to, or shall be deemed to, constitute a partnership or joint venture of any kind between any of the parties, nor constitute any party the agent of another party for any purpose. No party shall have authority to act as agent for, or to bind, the other party in any way.
- 21 RIGHTS OF THIRD PARTIES**
- A person who is not a party to the Contract shall not have any rights under or in connection with it.
- 22 GOVERNING LAW AND JURISDICTION**
- 22.1 The Contract, and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with, the law of Republic of Ireland.
- 22.2 The parties irrevocably agree that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim that arises out of, or in connection with, the Contract or its subject matter or formation (including non-contractual disputes or claims).
- 23 DISPUTE RESOLUTION**
- 23.1 The Supplier and Customer shall attempt in good faith to negotiate a settlement to any dispute between them arising out of or in connection with this agreement within 10 Business Days of either party notifying the other of the dispute such efforts shall involve the escalation of the dispute to the finance director of the Supplier.
- 23.2 Nothing in this dispute resolution procedure shall prevent the parties from seeking from any court of the competent jurisdiction an interim order restraining the other party from doing any act or compelling the other party to do any act
- 23.3 If the dispute cannot be resolved by the parties any dispute over 0 shall be referred to mediation pursuant to the procedure set out in this clause unless the Supplier considers that the dispute is not suitable for resolution by mediation.
- 23.4 The performance of the Contract shall not be suspended, cease or be delayed by the reference of a dispute to mediation and the Customer shall comply fully with the requirements of this agreement at all times.
- 23.5 The procedure for mediation and consequential provisions relating to mediation are as follows:
- 23.5.1 a neutral adviser or mediator ("the Mediator") shall be chosen by the Supplier within 10 business days after a request by one party to the other
- 23.5.2 Unless otherwise agreed, all negotiations connected with the dispute and any settlement agreement relating to it shall be conducted in confidence and without prejudice to the rights of the parties in any future proceedings.
- 23.5.3 If the parties reach agreement on the resolution of the dispute, the agreement shall be reduced to writing and shall be binding on the parties once it is signed by their duly authorised representatives.
- 23.5.4 Failing agreement, either of the parties may invite the Mediator to provide a non-binding but informative opinion in writing. Such an opinion shall be provided on a without prejudice basis and shall not be used in evidence in any proceedings relating to the agreement without the prior written consent of both parties.
- 23.5.5 If the parties fail to reach agreement in the structured negotiations within 60 Business Days of the Mediator being appointed, or such longer period as may be agreed by the parties, then any dispute or difference between them may be referred to the Courts.

Killgerm Ireland Limited  
Unit B2 Centre Point,  
Rosemount Business Park,  
Dublin 11, D11 HP52

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# Hazard Information for Amateur Products

**EUH 208:** Contains <substance(Permethrin)>. May produce an allergic reaction

**EUH401:** to avoid risks to human health and the environment, comply with instructions for use

**H222:** extremely flammable aerosol

**H226:** flammable liquid and vapour

**H225:** highly flammable liquid and vapour

**H229:** pressurised container: may burst if heated

**H302:** harmful if swallowed

**H312:** harmful in contact with skin

**H314:** causes severe skin burns and eye damage

**H315:** causes skin irritation

**H317:** may cause an allergic skin reaction

**H319:** causes serious eye irritation

**H332:** harmful if inhaled

**H336:** may cause drowsiness or dizziness

**H371:** may cause damage to organs

**H410:** very toxic to aquatic life with long-lasting effects

**H411:** toxic to aquatic life with long-lasting effects

**H412:** harmful to aquatic life with long-lasting effects

**P102:** keep out of reach of children

**P103:** read label before use

**P210** keep away from heat/sparks/open flames/hot surfaces. -no smoking

**P211:** do not spray on an open flame or other ignition source

**P233:** keep container tightly closed

**P242:** use only non-sparking tools

**P243:** take precautionary measures against static discharge

**P251:** pressurized container: do not pierce or burn, even after use

**P260** do not breath dust/mist/spray/vapours

**P261:** avoid breathing dust/fume/gas/mist/vapours/spray

**P264:** wash face, hands and any exposed skin thoroughly after handling

**P270:** do not eat, drink or smoke when using this product

**P272:** contaminated work clothing should not be allowed out of the workplace

**P273:** avoid release to the environment

**P280:** wear protective gloves and face protection

**P301 + P310** if exposed or concerned: call poison center/doctor/physician

**P301 + P312:** if swallowed: call a poison center or doctor/physician if you feel unwell. rinse mouth

**P301 + P330 + P331:** if swallowed: rinse mouth. do not induce vomiting

**P302 + P352:** if on skin: wash with plenty of soap and water

**P303 + P361 + P353:** if on skin(or hair): take off immediately all contaminated clothing. rinse skin with water/shower

**P304 + P340:** if inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing

**P305 + P351 + P338:** if in eyes: rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. continue rinsing

**P315:** get immediate medical advice/attention

**P333 + P313:** if skin irritation or rash occurs: get medical advice/attention

**P337+P313** if eye irritation persists: get medical advice/attention

**P351** rinse cautiously with water for several minutes

**P362:** take off contaminated clothing and wash before reuse

**P370 + P378:** in case of fire: use water spray to extinguish

**P371 + P380 + P375:** in case of major fire and large quantities: evacuate area. fight fire remotely due to the risk of explosion

**P391:** collect spillage

**P403:** store in a well-ventilated place

**P410 + P412:** protect from sunlight. do not expose to temperatures exceeding 50°C

**P501:** dispose of contents/container to a licensed hazardous waste disposal contractor or collection site

## Personalised products add a highly professional image to your company's activities.

Also available for corporate printing, No.4 Cardboard Bait Boxes - p137

Corporate printing shows off your organisation to a good advantage. Effectively you have your own product and your details remain visible as an advertisement, encouraging repeat business.

A wider range of our products can now be personalised. Insect monitors, bait stations, and labels can carry your company name and details and, in some cases, your logo as well.

On this page we have gathered together a selection of our most popular personalisable products. Please contact us for further details.



P22 Ecotrap Insect Monitor



P22 AF\* Insect Monitoring System



P82 No7 Mouse Bait Station



P82 AF\* Discreet Mouse Box



P87 AF\* Fortis



P82 AF\* Advance Mouse Box



P92 AF\* Rat Box



P88 AF\* Atom



P90 AF\* Tunnel



P95 AF\* Multis







