

NETWORK

**Norwegian Pest meeting- SKaBra Skadedyrdagene
September 2023**

Site survey/ install support



Reasons for Control

- Health risks...

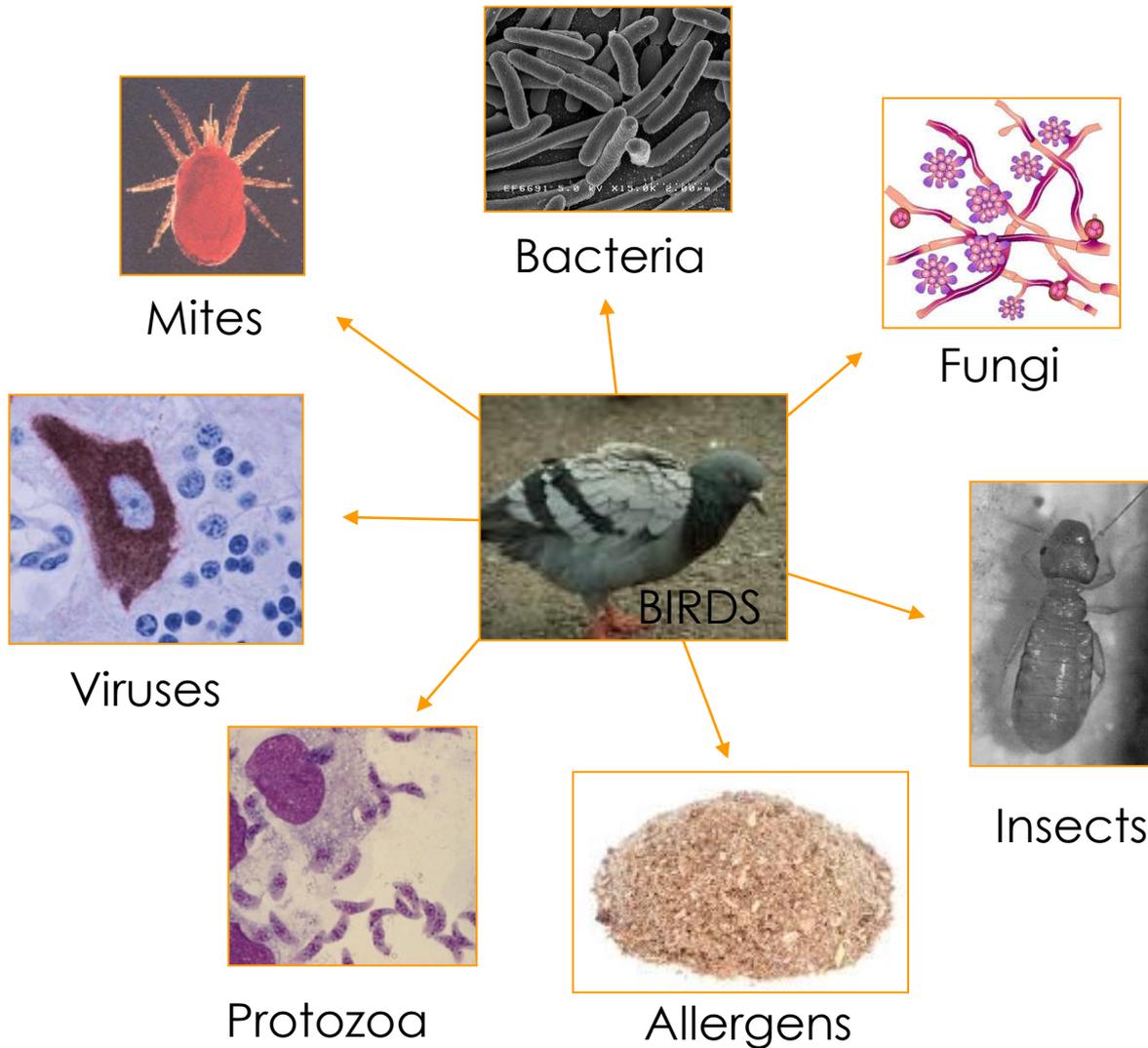


- Birds can spread many organisms that affect human health...

Damage a car/ person ! Gulls/ crows attack objects



Reasons for Control



110 species of micro-organisms:

- 55 fungi
- 41 bacteria
- 8 viruses
- 6 protozoa

Insects:

- 22 families

Systems used individually or in Combination



Net

Birdwire

Spikes

Light Pressure

- Parts of a building used only occasionally
- Tend to be high up
- Exposed to wind and rain
- Of little importance to the birds



High up – few birds, if any – little fouling

Easily proofed with any proofing system suitable for the species

Medium Pressure

- Parts of a building *habitually* used by the birds in the *daytime*
- Overlooking regular food sources
- Used regularly for sunbathing



- The birds will be pretty determined to regain these areas
- If they cannot return they will be displaced to nearby alternatives

Overlooking source of water



Heavy Pressure

- Parts of a building used by the birds for
- Night roosting
- Nesting



No birds – but lots of fouling



These areas are extremely important to the birds, who will be very highly motivated to overcome any proofing systems

Displacement

- Birds that face proofing systems will overcome them, or be displaced to another area



Bird deterrent netting

All bird species

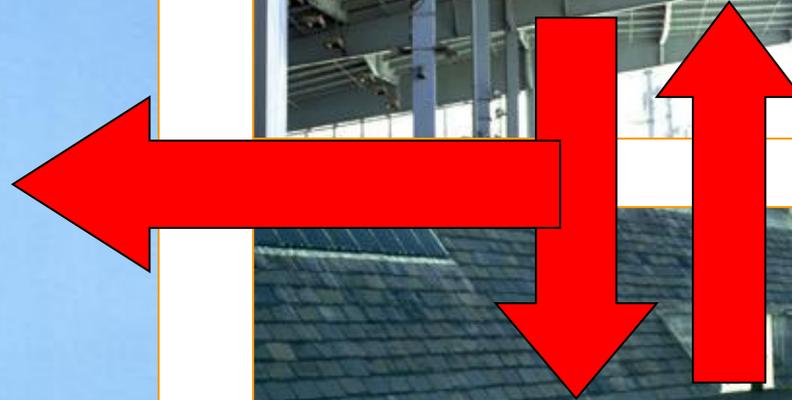
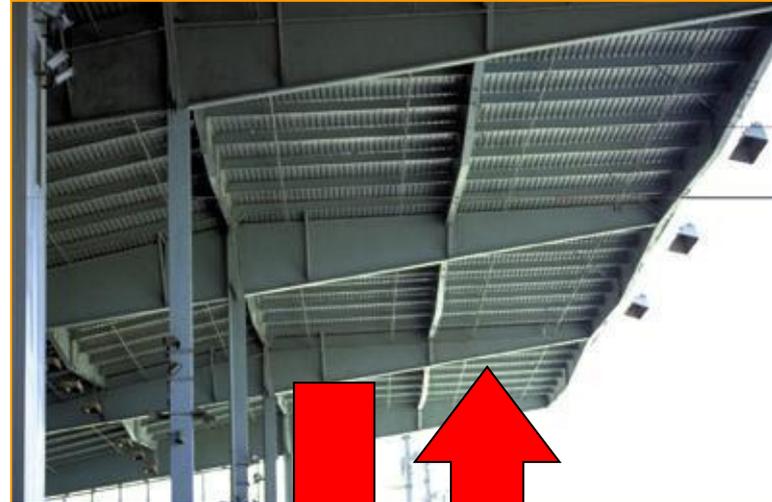
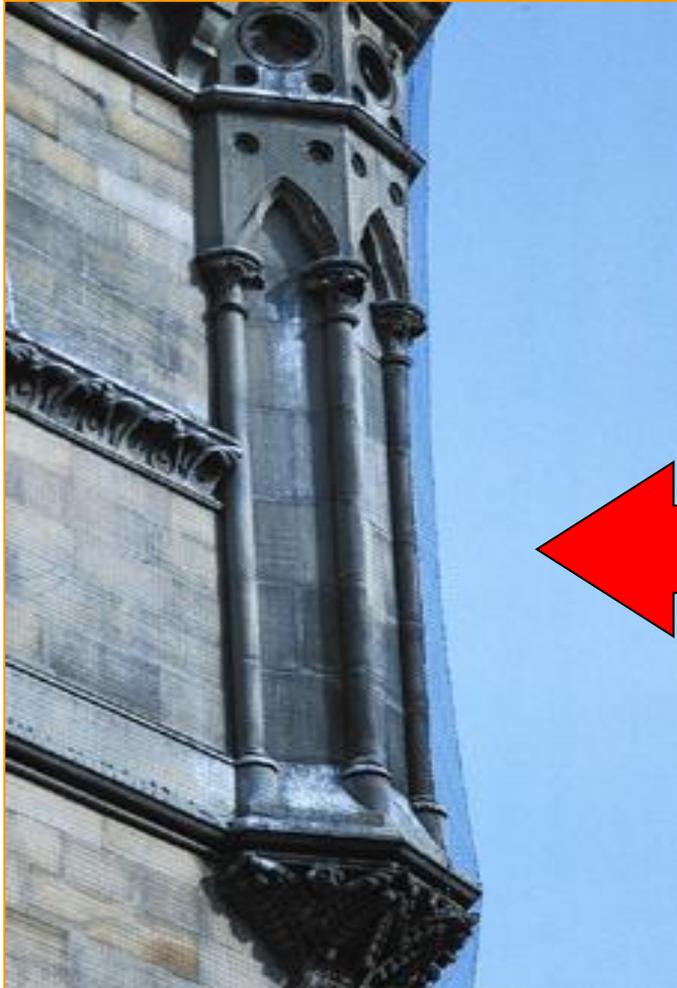
Proofing Systems

- Proofing with nets



- Very hard to see

Proofing Systems - Proofing with nets



Bird Netting



Bird Netting

- Horizontal Netting



Bird Netting

- Portico Netting



- Starling net at St Georges Hall Liverpool

Bird Netting



– Ikegami Honmon-ji Temple Japan

Bird Netting

- Water Conditioning Plant



Bird Netting

- Pigeon Net on Bridge



Bird Netting

- Pigeon Roof Netting



Bird Netting

- Roof Net



- Approx 100 pairs well established nesting gulls

Bird Netting

- New Roof Mounts



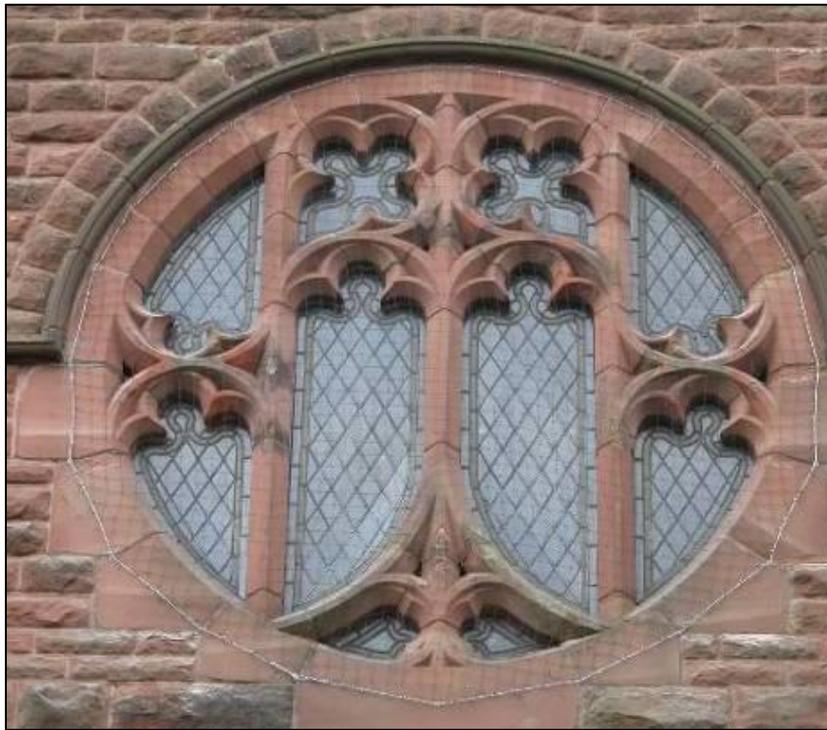
Bird Netting

- Flexible Net Frame



Bird Netting

- Flexible Net Frame

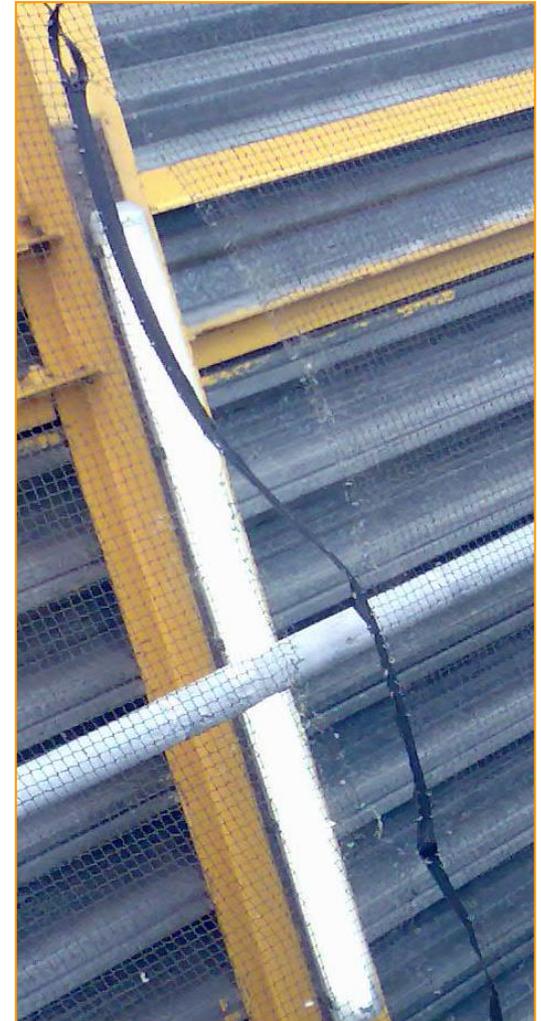


Bird Netting

- Double sided net Zips



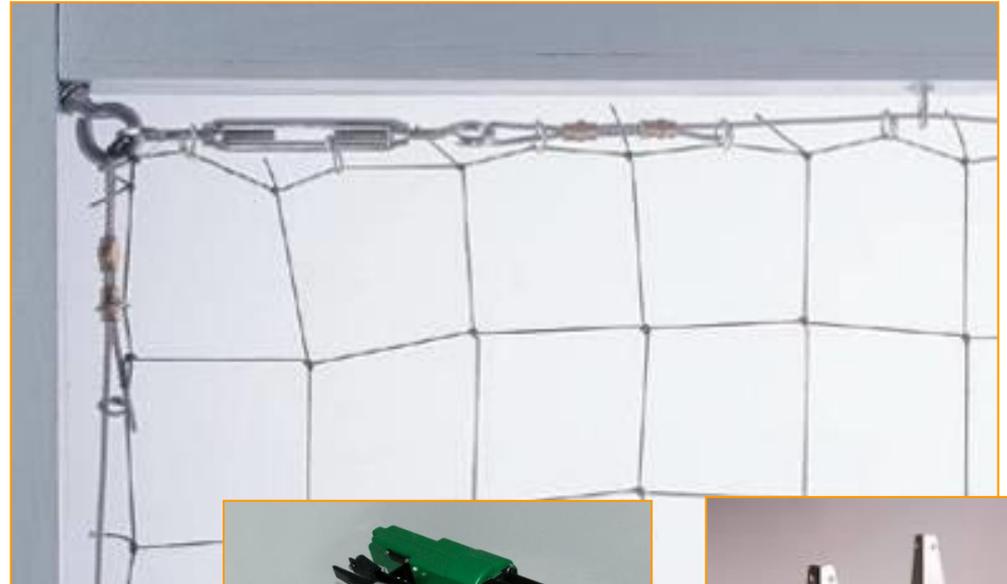
Hogs not correctly installed



Bird Netting

– Net Systems

- Fixings and Brackets
- Wire and Tensioning
- Net (cut to size)
- Tools



Network Bird Net System

- **Effective:** For all situations and all species
- **Versatile:** Can protect multiple perching places
- **Discreet:** Barely visible from the ground
- **Durable:** Polyethylene is chemically inert and can withstand a wide range of environmental conditions
- **Humane:** Does not harm birds, only frustrates them
- **Cost effective:** Materials are relatively inexpensive
- **Skilled:** High level of skill required – Professional operation



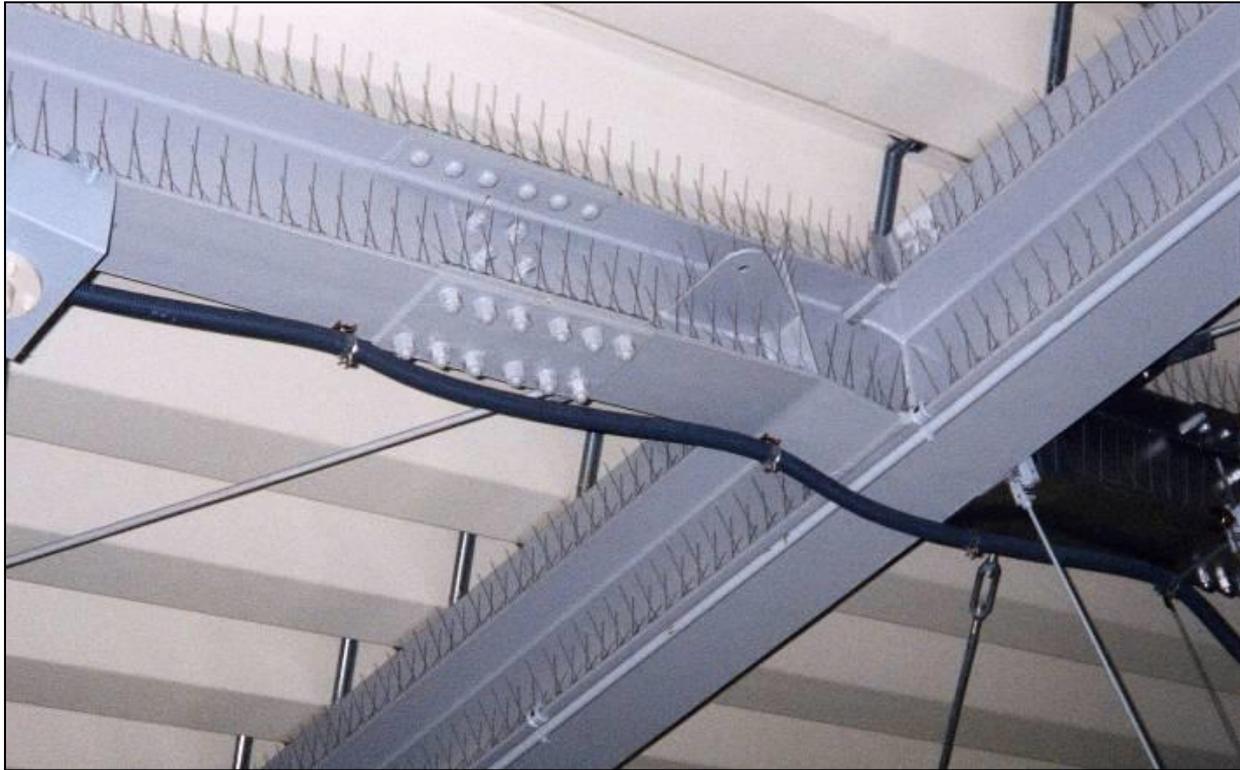
Bird deterrent spikes

For pigeons and gulls

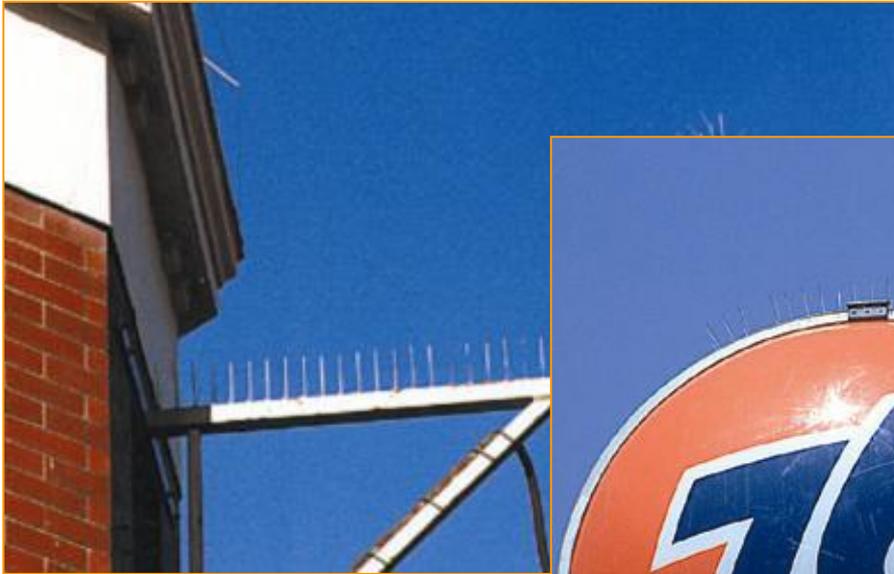
Proofing with Spikes



Proofing with Spikes



Proofing with Spikes



Marble Arch



Before



After

Hotel Porch



Hotel Porch



Pigeons roosting
above main porch
area

Hotel Porch



Avipoint
solves the
problem

Starbucks



Starbucks



Spike System Construction

- Made from plastic
- Made from stainless steel
- Made from plastic base plus stainless steel wires

Avipoint Installation



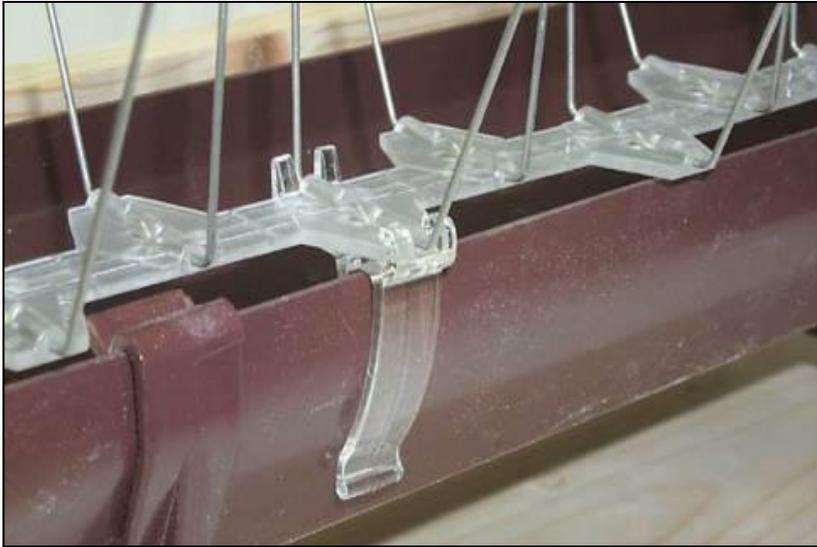
Prepare surface



Apply adhesive



AviClips for Gutters



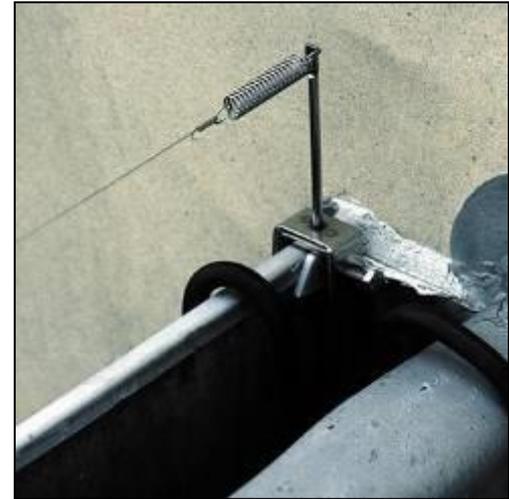
Birdwire

For pigeons and gulls

Birdwire

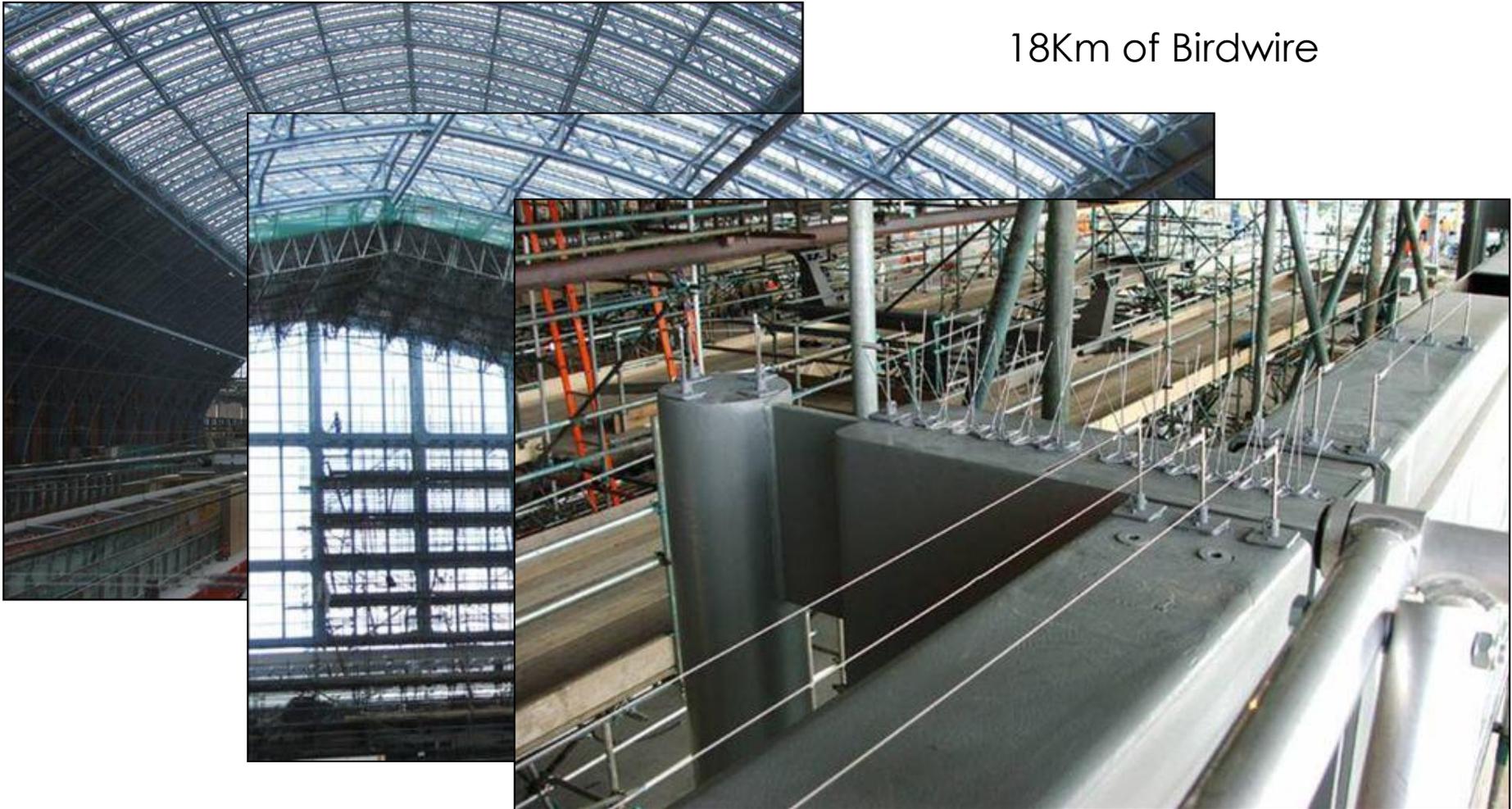


Birdwire- many different components



St Pancras Railway Station

18Km of Birdwire

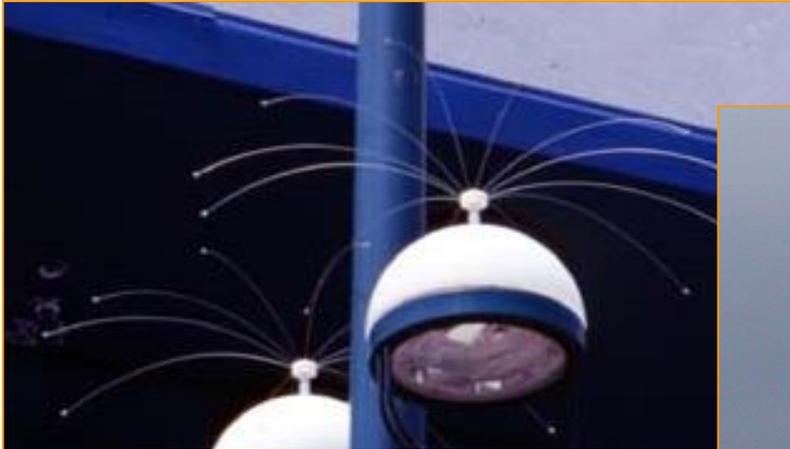


Bird Wire System

- Discreet- favoured by architects
- Relatively cheap to install
- High level of skill required
- Low/medium pressure
- Versatile range



Bird spiders



Electrical deterrents

All bird species

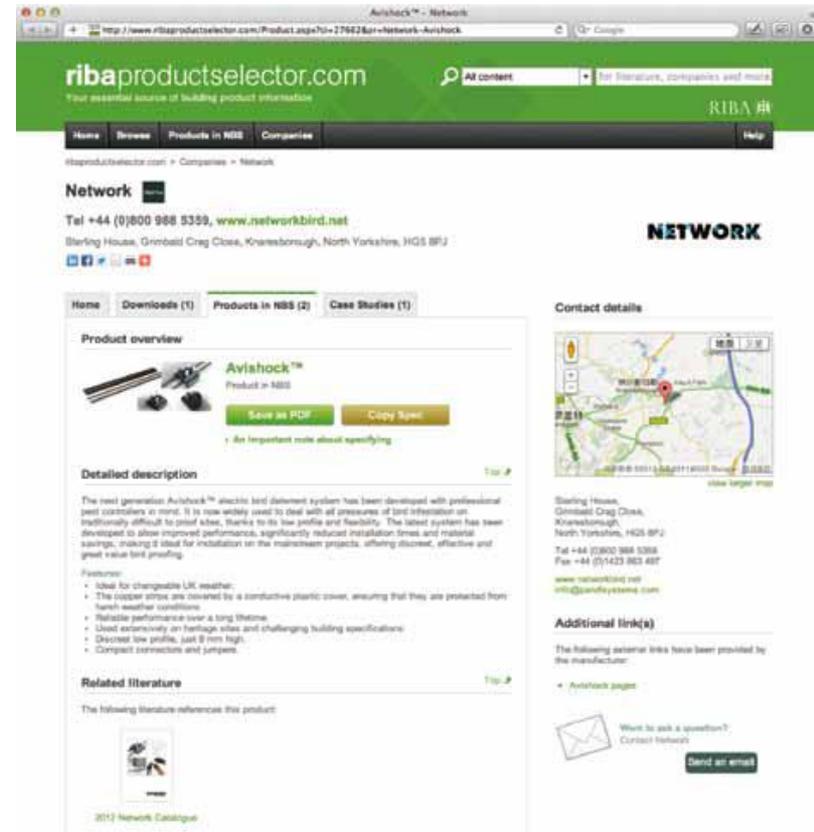
AviShock

- Effective
- Quick to install
- Versatile
- Discreet
- Durable
- Branded



Electric systems

- This has been designed to optimise aesthetics, durability and ease of install .
- Time saving design, quick to install
- Used by leading retailers and specifiers



ribaproductselector.com
Your essential source of building product information

Network
Tel +44 (0)800 988 5359, www.networkbird.net
Starling House, Grimstall Crag Close, Knaresborough, North Yorkshire, HG5 8PJ

Product overview
Avishock™
Product in NBS
[Save as PDF](#) [Copy Text](#)
An important note about specifying

Detailed description
The next generation Avishock™ electric bird deterrent system has been developed with professional pest controllers in mind. It is now widely used to deal with all pressures of bird infestation on traditionally difficult to proof sites, thanks to its low profile and flexibility. The latest system has been developed to allow improved performance, significantly reduced installation times and material savings, making it ideal for installation on the maintenance projects, offering discreet, effective and great value bird proofing.

Features:

- Ideal for challenging UK weather;
- The copper strips are covered by a conductive plastic cover, ensuring that they are protected from harsh weather conditions;
- Reliable performance over a long lifetime;
- Used extensively on heritage sites and challenging building specifications;
- Discreet low profile, just 8 mm high;
- Compact connections and jampers.

Related literature
The following literature references this product:
[2012 Network Catalogue](#)

Contact details
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Grimstall Crag Close,
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Tel +44 (0)800 988 5359
Fax +44 (0)1423 863 487
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info@pandfsystems.com

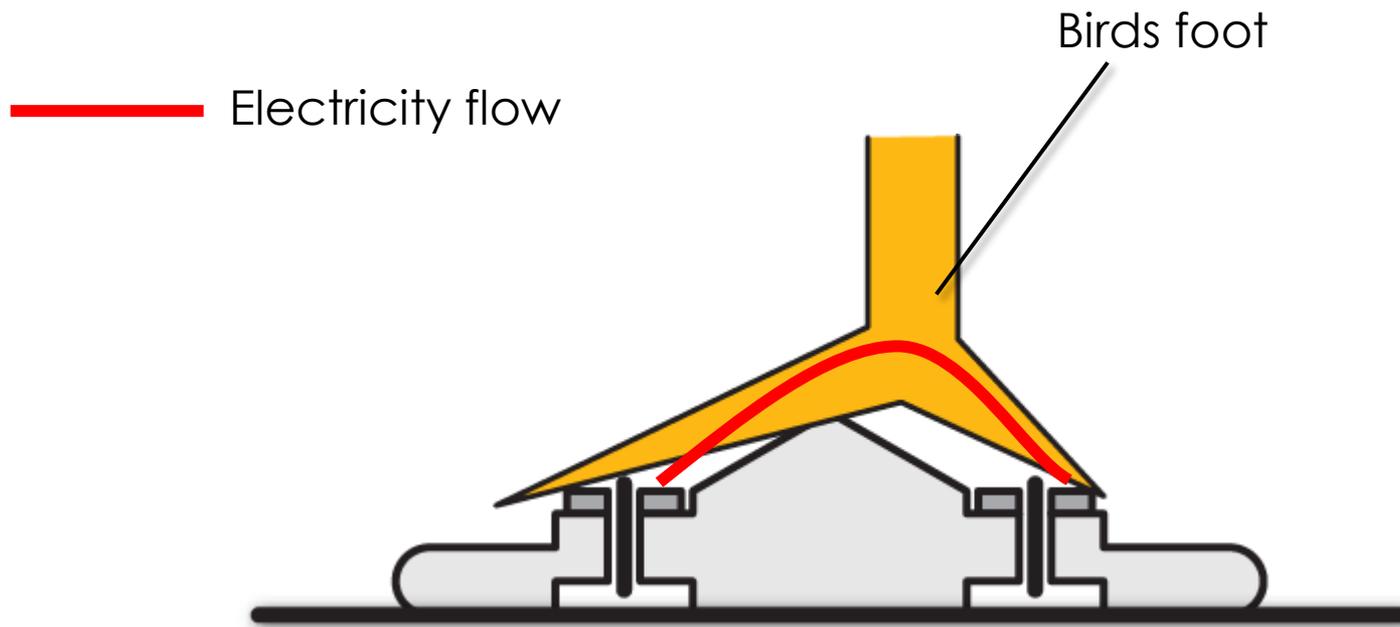
Additional link(s)
The following external links have been provided by the manufacturer:
[Avishock pages](#)

Want to ask a question?
Contact Network
[Send an email](#)

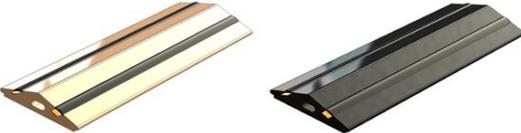


How does a track product work – Traditional system

- When the bird lands on the track, it completes the flow of electricity between the two conductive strips, resulting in a shock



Key system components

Part	Function	
Track	Pass electricity along	
Track connector	Join track lengths together	
Energiser	Provide power to the track	
Lead wire	Pass electricity from energiser to the track	
Lead wire connectors	Connect lead wire to the track connectors	
Adhesive	Fix the track in position	

Features and Benefits- Least Visible

- Neat and discreet



Features and Benefits- Least Visible



Focus in on a key town , area or building owner



Focus in on a Key customer who has used the system



Focus in on Avishock where other solutions wouldn't be effective



Ledges- aesthetic solution



Features and Benefits- Most Effective

- All species
- All pressures



Glass Roof- optimum, aesthetic solution



Roof, instead of bird net



Bird Slope

All bird species

Window cills or ledges



Dusty ledges on carpark ceilings



Bird Slope™

Bird Slope positively changes the building design which will be favoured by architects, specifiers and building owners



Patented US8640397 US8689497 US8925256 US9185900

Advantages & Benefits

- Effective for all birds
- An optimum system for architects and aesthetic locations
- Made from UV protected PVC - sun and weather resistant
- Available in Stone or Gray
- Rigid one piece construction - comes in 10.16 cm sections
- Covers ledges up to 13.97 cm deep; interlocking extenders allow you to cover ledges up to 26.67 cm deep
- Easy to install end caps prevent birds from getting behind the slope
- Ideal to prevent birds from landing or nesting on 90° areas like eaves and ledges

Bird Species	All birds
Where to Use	Ledges, window sills, under eaves, I-beams with widths up to 26.67 cm
Material	UV protected outdoor grade PVC
Bird Pressure	Light to Heavy
Warranty	2 years

A Slippery Slope for Birds!

Bird Slope™ from Bird-B-Gone®, Inc. is a physical bird deterrent used to prevent birds from landing. The slope's unique design makes it impossible for small or large birds to land on 90° areas.

- Each piece is 122 cm long and covers ledges up to 13.97 cm deep
- Bird Slope™ Extenders help cover ledges up to 26.67 cm deep



Installed on window sills



Installed in a garage

To install: Surface should be clean and dry before installation. Bird Slope™ covers a 13.97 cm ledge; for larger ledges slope extenders are available. Can be glued onto surface using glue troughs. End caps should be installed to prevent birds from getting behind the Bird Slope™.



Bird Slope Extender



Bird Slope End Cap

Bird deterrent Gels

Feral pigeons

Repellent Gel-

- Pre installed in trays
- Food based natural oils
- UV, smell and touch deterrent
- Can be used indoors or outdoors.
- Low profile
- Reported to last two or more years



Repellent Gel

Remove all fouling from ledges (pheromone to the pigeons)
Apply one dish

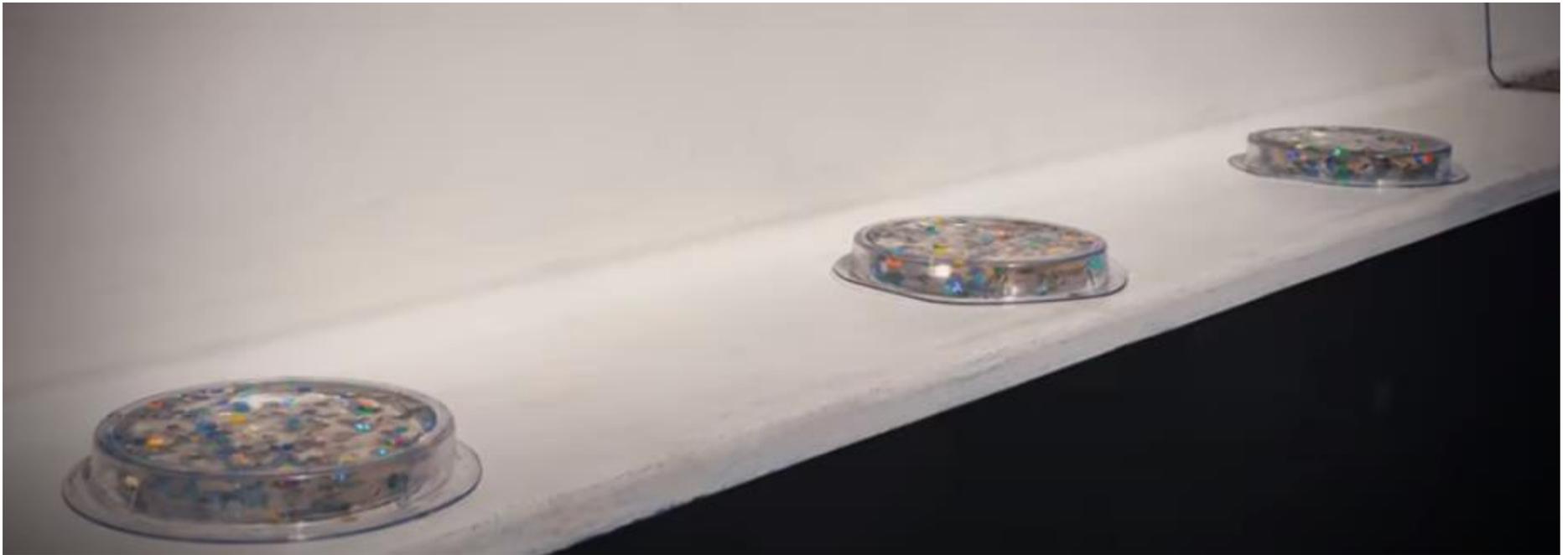
Heavy pressure areas: 15cm apart (6 per mt)

Medium pressure areas: 20cm (5 per mt)

Light pressure areas: 25cm (4 per mt)



Bird Gel



Bird Free Repellent Gel



Bird Free Repellent Gel



Failure of original
gel



Flockoff (Very new)

Most bird species TBC





Scaring/ trapping

Most bird species

Discrete sparrow trap for single birds



Food

Scaring/ trapping will improve the effectiveness of netting



NETWORK



Swallow nesting boxes and profiled net is effective.....



Eagle eye/ flash flags- reduce population by 40%-50%



Handheld lasers to disperse pigeons/ gulls/ Canada's



Scarecrow range

Option 1- Handheld Scarecrow 'Patrol 2'-

Advantages:

- Random location and time of use
- Easy to use- site can play
- Simple to adjust calls/ volume



Included distress calls:

- Herring gull; common gull and black headed gull
- Starling
- Crow, rook and magpie
- Lapwing and pigeon

Scarecrow range

Option 2- Scarecrow '180' mains powered system-

Advantages:

- Perfect for retail entrances
- Coverage of 20,000M2
- Fixed unit with guaranteed power-mains
- Very simple to program front panel
- Fully waterproof
- UK and EU plug options

SCARECROW 180

- 1 x fully automatic and random play bird dispersal unit, incorporating:
 - 10 standard distress calls.
 - 3 built in speakers,
 - 1 light sensor,
 - Wall mounting bracket
 - Keypad for setting controls.
- 1 x Power Option; either 15V dc regulated switch mode EU/UK power supply, or Battery
- Lead.
- 1 x U Clamp Pair; to mate with built in brackets to provide pole mount option, and bolts etc.



Included distress calls:

- Herring gull; black headed gull
- Starling
- Crow, rook, Jackdaw
- Magpie
- Canada goose and pigeon
- Bird of prey

Scarecrow range

Option 3- Scarecrow '360' mains powered system-

Advantages:

- Perfect for roofs
- Coverage of 40,000M2
- Fixed unit with guaranteed power
- Very simple to program on front panel
- Fully waterproof
- UK and EU plug options



SCARECROW 36 SYSTEM

- Complete 360° dispersal system comprising:
- 1 x SCARECROW 180™ fully automatic and random call dispersal unit (as above);
- 1 x Power Option; either 15V dc regulated switch mode EU/UK power supply, or Battery Lead.
- 1 x U Clamp Pair; to mate with built in brackets to provide pole mount option
- 1 x SCARECROW 36 'slave' unit to accompany the SCARECROW 180™
- 1 x Connection Cable; connection from 360 unit to 180 unit

Included distress calls:

- Herring gull; black headed gull
- Starling
- Crow, rook, Jackdaw
- Magpie
- Canada goose and pigeon
- Bird of prey

Scarecrow range

Option 4 – Solar pack for '180' or '360' systems-

Advantages:

- Full flexibility to move the system around the site
- No plugs or sockets required
- Perceived as a 'Green' solution

Solar Power Option

Suitable for Scarecrow 180 and Scarecrow 360 System. System comprises:

- Solar Panel
- battery & regulator pack
- 2m pole stand-

2m pole Non-piercing roof mount; mounted on a square base. locally purchase four 450x450mm paving slabs, or equivalent, for stability.



Scarecrow range

Sales example – Option 3 + Option 4



+



Examples



Hawk Kite < 25mph winds



Any Questions?