



PREMIER | ENVIRONMENTAL

BIRD NETTING SYSTEM

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Bird netting is one of the most popular methods used for protecting structures from any species of pest urban birds. It's success is due to the fact that it is virtually the only system that can be 100% effective where there is a high population of birds. Nets can be used at any angle and can protect small areas or a complete roof. As one net can protect many perching places it is often the most cost effective solution.



The netting is constructed of a high density polyethylene (HDPE) that is rot proof and UV resistant. It is available in black, stone and translucent (white) and can be flame retardent if necessary. You can expect 10 - 15 years working life from a correctly installed netting system.

The principal of the netting system is that a tensioned wire rope is fitted around the perimeter of the area. The wire rope is secured to the structure, tensioned using barrel strainers and then the net is fastened to the wire rope using hog ring staples which form a loop around the net and rope.



NETTING

1. High density polyethylene (HDPE) that is rot proof, UV resistant and can be flame resistant, it is also waterproofed.
2. Colours - black, stone or translucent (translucent in 19mm and 50mm only)
3. Construction - Knotted 12/6 polyethylene square mesh with a breaking strain of around 20 kg's. 6 monofilaments, each 12/1000" thick with U.V. stabilisers added. The monofilaments are twisted together to give a strong twine with 160-200 twists per metre.
4. Standards - meets ISO 9001 2000 Quality Management Standards.
5. Properties - Softening point 250 F
Melting point 293 F (flame proof)
Flash point 660 F (flame proof)
Chemically inert and resistant to acids and alkalis.

HARDWARE

Choose the hardware system that best suits the installation and structure. Contact us for up to date information and hardware applications.

1. Wire rope - Aircraft grade 316 stainless or galvanised 7x7, 49 strand, 2mm diameter with 407kg breaking strain. Fixing spacing will determine maximum wire runs.
2. Strainers - Stainless steel or galvanised, hook and eye barrel strainers,
M5 - max cable run 8mts, SWL 163KG
M6 - max cable run 15mts, SWL 226KG
M8 - max cable run 20mts, SWL 300KG



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3. Ferrules - Zinc plated ferrules, always use 2 ferrules per connection
4. Rope Clamps - galvanised or stainless steel, for use in place of ferrules.
5. Eyebolts - M6 & M8 Eyebolts and hook bolts. High loadbearing main fixings complete with zinc passivated expander shields for heavy duty fixing.
6. Screw Eyes - for use on wood and in masonry with wall plug.
7. Beam Bolts - Heavyweight fixing for attachment to flanges of girders.
8. Bridge Clamps - adjustable fixing for metal girders jaw size from 19 - 50mm.
9. Cladding Bolts - these bolts have expanding rubber shields which will fit irregular shaped holes and clamp behind thin materials.
10. Hangers - intermediate fixing for masonry, hammer into pre drilled hole.
11. Net spike - hammer fixing for masonry.
12. Screw Pin and Plug - masonry fixings with plug or directly into wood.
13. Beam Clips - hammer on fixings for beams.
14. Rivets and Split Pins - Stainless fixing for masonry.
15. Angle Bracket - Stainless steel brackets for use on masonry, wood, metal beams.

FINISHING HARDWARE

1. Hog Rings - attaches the netting to the mesh cables, closes seams and fastens zippers to the net. The hog rings are available in stainless and aluminium and can be fitted using a hand tool or battery operated tool.
2. Zipper - allows access to areas behind the bird netting installation, e.g. lights, sprinkler systems.
3. Net Hooks - Stainless hooks used in place of zippers.
4. Bird Scape - One way escape funnel that will allow birds to escape if they are trapped when netting is installed.

APPROXIMATE NET WEIGHTS

These weights are based on one square metre of net.

19mm - 73g

28mm - 40g

50mm - 21g

75mm - 30g

We can supply the required materials or fully design and install the systems and we operate a nationwide service.

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For prices you can e-mail drawings and specs to: sales@premier-env.co.uk