

Network Bird Net - Introduction

The principal of the Net System is that a tensioned **Wire Rope** is fitted around the periphery of where the net is to be placed. The wire rope is anchored using heavy-duty **Corner Fixings** which take the weight of the net. **Lighter Intermediate Fixings** hold the wire close to the structure being proofed. The **Net** is fixed to the wire rope using **Hogring Staples**.

Corner Fixings



The tension of the wire suspension system and the weight of the net is carried by these heavy-duty fixings.

They are placed wherever the straining wire turns a corner, and at 5m to 10m intervals on straight runs of straining wire.

On large nets they are also used to support cross-wires. They need to be installed into a solid part of the structure such as masonry, concrete or a steel beam.

Intermediate Fixings



Intermediate fixings are for holding the straining wire close to the structure to prevent birds from squeezing in around the edges. They also keep the net square to the building.

The spacing between intermediate fixings will depend on the size of the bird and the shape of the net. Sparrows - 0.3m, Starlings - 0.5m, Pigeons or Gulls - 1.0m

Wire Rope & Tensioning Products



The key to an effective and unobtrusive bird net is a properly tensioned suspension system holding the net tightly against the structure being proofed.

This is achieved by anchoring a Wire Rope around the periphery using corner and intermediate fixings, and then tensioning the Wire Rope using Barrel Strainers. The wire is formed into loops and attached to the Corner Fixings and Barrel Strainers, using Ferrules or Wire Rope Grips.

Net



An effective Bird Net must be one that is easy to handle and install; effective against the birds; unobtrusive to the casual observer; and must remain unaffected by the weather for many years.

Provided Network Bird Nets are correctly installed and not physically damaged, they have been demonstrated to have a life expectancy in excess of 10 years in UK weather conditions.

Hogring Staples and Cable Ties



The net is attached to the wire rope using Hogring Staples. Net Corner Ties are used to attach the corners of the net to the Corner Fixings.

Tools



The Wire Cutters enable easy cutting of the strong wire rope.

The Network Ratchet Crimping Tool has toughened jaws and a unique crimping action, allowing easy, one handed, secure crimping of the Ferrules on to the wire rope. If Wire Rope Grips are used, a Nut Spinner will be required to tighten them.

The Hogring Tool enables you to form circular staples to attach the net to the wire rope.

Basic Principals of Installing a Net

Installing a Net up to 10m by 10m

Before starting to install a net it is always important to make sure that the design of the installation is optimum. You want the net to be effective at keeping birds off the building, whilst at the same time not looking obtrusive. Nets should be installed in a way that minimises the risk of damage by the action of wind. You also want the net to be as straightforward to install as possible.

Net installations will vary depending upon the bird species you are proofing against, the substrate you are attaching the net to e.g. Masonry, Timber, Steelwork or cladding/soft substrate, and the size of the net. Below is a step-by-step guide into effectively installing a pigeon net of size 10m by 10m or less.



STEP 1

Drill holes and fit Corner Fixings where the net will turn a corner.



STEP 2

Drill holes and fit intermediate fixings at 1m intervals in a straight line between the corner fixings.



STEP 3

Run 10m of wire rope through the fixings of one side.



STEP 4

Attach one end of the wire rope to a corner fixing using a loop of wire and secure with either 2 ferrules (each crimped twice) or 2 wire rope grips.



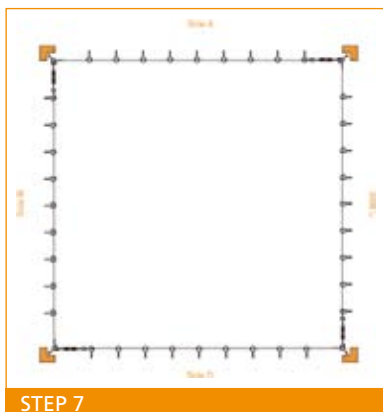
STEP 5

Hook an opened barrel strainer to other corner fixing and thread the free end of the wire through the eye of the barrel strainer, and pull the rope tight. Secure the looped wire using 2 ferrules (each crimped twice) or 2 wire rope grips.



STEP 6

Tension the wire by tightening the barrel strainer.



STEP 7

Repeat steps 3 to 6 for the other three sides.



STEP 8

To install the net itself, attach one corner of the net to the corner fixing using the net corner tie.



STEP 9

Hogging every mesh to the wire rope ensuring that the net is pulled tight and is square. Attach the other 3 corners using net corner ties. Trim off any surplus net.

For nets larger than 10m by 10m

The only major differences for installing a larger net, is that you will need to install corner fixings every 10m to spread the weight of the net. You may also need to install additional cross wires to prevent the net from sagging in the middle. e.g. 20m x 10m net.

Complex Net Installations

We recognise that some bird net installations are more complex than fixing a square net onto a flat surface. If you are uncomfortable about carrying out a complex installation, we recommend that you contact a professional and experienced bird management company.

