Eniscope cc t/a Bird Deterrent Specialists

Physical Address

Unit 8 Block B

Collingwood Place

8 Anson Street

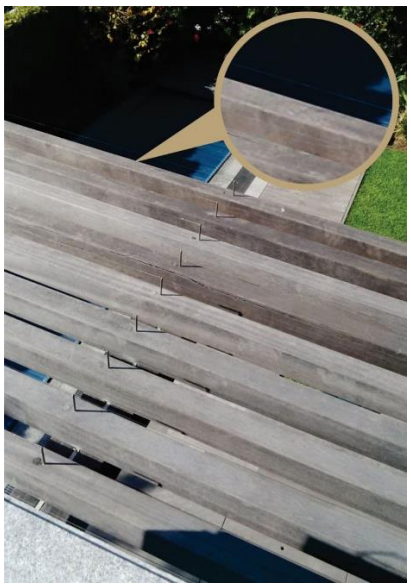
Observatory

7925

Installation of Wire Trip Stainless Steel Wire Deterrent to Wooden Pergola

NB: Should your Wooden Pergola Beams be more than 70mm in width each, we recommend that you install 2x strands of wire per Pergola Beam, parallel to each other and 50mm apart.

Please note that, as every situation is different, the following instructions serve only as a guide to the installation of the product, and therefore may require some adjustment or adaptation on your part, dependent upon the building in question. Should you require any assistance, please make contact with us, by means of the contact details stipulated on the last page.



Included in your kit:

1. Stainless Steel Wire (Enough for 1x Single Strand)
2. Stainless Steel Posts with 1 Spring
3. 1x Length of Steel to be used as a guideline for the height of the finished posts
4. Sealant
5. Hammer Drive Anchors (in case needed)
6. Drill Bit (for Posts)

Step 1: Clean the affected area

Contacts

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Company Registration No.: 2010/000252/23 | Company VAT No.: 4600270948

Before installing your product, it is essential that you clean and disinfect the affected area thoroughly. Therefore, any bird droppings, remnants of nests, and debris present must be carefully removed and the area cleaned and disinfected with a good quality disinfectant.

If you require a ladder to reach the affected area, please ensure that the ladder is securely set up and stable. If possible, ask someone to hold the ladder for you.

Please note that, If there are nests with birds, chicks and/or eggs present, we advise that you wait until the eggs have hatched and the young have left the nest, before continuing with cleaning and installation. If you touch the nest, eggs or young, or relocate them, there is a good chance that the adult birds will reject their young, and they will perish as a result.

However, if there are no birds or eggs present, and only empty nests remain, we recommend that you employ the services of a Pest Controller to spray for Bird Lice/Mites within the affected areas, before proceeding with your installation, if possible. Once you have completed the process of Spraying of Insecticide, you can remove the empty nests and throw them away.

It is important to note that some birds, such as the Seagull, are a protected species. As such, you will be required to apply for a permit to remove nests, as well as guidance from the organisation supplying the permits, in terms of dealing with eggs and young.

For this step, you will require:

1. A Good Disinfectant Cleaning Product (We Recommend Eagle Eye Clean Wall Detergent)
2. Warm Water in a Bucket
3. Cold Water in a Spray Bottle
4. Plastic or Rubber Handheld Scraper
5. Large Sponge/Brush (dependent on the extent of debris present)
6. Protective Mask
7. Latex Gloves
8. Heavy Duty Refuse Bags

Cleaning & Disinfecting:

1. Place the protective mask over your nose & mouth to protect yourself against infection (for your safety, please keep the mask on for the entire duration of step 1).
2. Put the latex gloves on (for your safety, please keep the gloves on for the entire duration of step 1).
3. Ensure that your heavy duty refuse bags are ready, and are doubled-up (one bag inside another for increased protection against infection).

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4. Saturate the affected area with cold water.
5. Use the handheld scraper to gently lift bird droppings and other debris from the affected area into your doubled-up refuse bags.
6. Once all excess debris has been removed, ensure that refuse bags are closed tightly, with no openings present.
7. Dispose of the full refuse bags in a responsible manner (taking them to your nearest official landfill/dumping site is recommended).
8. Using the sponge or brush, warm water, and disinfectant, wash the affected area until clean (please ensure that you read the instructions for the disinfectant properly, and use it correctly).
9. Once thoroughly cleaned, allow the area to dry, and proceed to step 2.

Step 2: Measuring the area

You will have taken some measurements before purchasing the Wire Trip product, in order to determine how much of the product you will require. However, before installing the product to the affected area, you will need to take more detailed measurements to ensure that the product is installed properly.

Should your measurements be accurate, your Wire Trip Stainless Steel Wire Deterrent kit should include sufficient stainless steel wire, posts & springs in order to apply 1x complete length of Wire Trip running along the centre of the top of each Wooden Pergola Beam, with posts 2,5m apart, in order to ensure that pest birds are unable to perch on the beams, preventing their droppings from affecting the Pergola and areas below it. Some screws and plugs have been added to the kit, in case needed.

Step 3: Installing your product

Once you are confident that you have correctly measured all of the surfaces to which you wish to apply your product, ensure that you have sufficient Wire Trip Stainless Steel Wire, Posts & Springs, as well as Anchors where required, on hand.

For this step, you will require:

1. Stainless Steel Wire (supplied)
2. Stainless Steel Posts Single Strand with 1 Spring (supplied)
3. 1x Length of Steel to be used as a guideline for the height of the finished posts
4. Sealant (supplied)
5. Drill Bit (for Posts) (supplied)

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6. Drill with impact function
7. Small hammer to insert posts
8. Hammer Drive Anchors (in case needed)
9. Pencil
10. Tape Measure
11. Rag/Cloth

Installation:

1. Using your tape measure and pencil, first measure the width of your Wooden Pergola Beams. Then, going down the length of the beam, measure and mark the point which represents the centre of the width of the beam. EG: If your Pergola Beam is 40mm in width, measure 20mm from the edge of the beam across the width, and mark the 20mm point on the beam.
2. Using your pencil, draw a line, connecting these marked points, down the length of each beam. This line, therefore, represents the centre of the beam.
3. For the Wire Trip Stainless Steel Wire Deterrent to be optimally effective, the stainless steel posts must be installed no more than 2,5m apart. Therefore, using your tape measure and pencil, measure and mark off at 2,5m intervals along the centre line you have just drawn down the length of each beam. (Please note that posts must be exactly in line with each other)
4. Should there be a vertical wall at the start or end of the length of the Pergola Beams you are installing the Wire Trip to, you will need to mark off a point on the vertical wall, perfectly in line with the centre line of the beams you have already marked off, at 65mm in height from the surface to which the Wire Trip product is to be installed. A hammer drive anchor will later be installed at this point, and not a post.
5. When dealing with corners, it is helpful to draw a line from the outer point of the corner to the inner point of the corner. The pivotal stainless steel post for this corner will then be installed to the beam at the point at which this diagonal line meets the initial centre line you have drawn.
6. Once you are satisfied that you have measured and marked off all possible points at which the stainless steel posts (on the horizontal surface) or anchors (on the vertical surface) will need to be installed, make use of your drill and the drill bit supplied, to drill holes at all of these points. The holes on the horizontal surface, where stainless steel posts are to be installed, should be 45mm deep. (Holes drilled into the vertical surface for the hammer drive anchors will require a 5mm drill bit. Should you need to drill into a brick/concrete surface, you will need to make use of a different drill bit to the one supplied, as the one supplied is for drilling into wood.)
7. Preferably drill one hole, half fill it with sealant, and then insert the correct stainless steel post into the hole, ensuring that the stainless steel spring is at the top of the post. This will ensure that you have inserted the post into the hole before the sealant solidifies.

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8. In the kit there will be a length of steel to act as a guideline for the height of the finished post. Hold the guide length of steel next to the post that is being inserted and tap both together with a hammer so that the guide length of steel next to the hole prevents the functional post form being driven in too far. This will ensure that all posts are at the correct height above the surface.
9. Once the post has been inserted into the hole, and is at the correct height, make use of a rag or cloth to wipe off any excess sealant that may have oozed out of the hole onto the surface of the Pergola Beam.
10. Ensure that the stainless steel springs are all on the same side of the posts (IE: all on the left or all on the right of the posts), so that there is 1 stainless steel spring between each set of 2 posts. Please note that should a length begin with a vertical wall, a hammer drill anchor will be inserted into the hole in the wall.
11. If working with a vertical wall, insert the sealant and hammer drill anchor supplied into the holes in the wall, and lightly tap the protruding nail into the anchor, leaving approximately a 3-5mm gap between the head of the nail and the top of the head of the anchor.
12. If the length begins or ends with a vertical wall:
    a. Cut a 1x 3m length of stainless steel wire and loop about 100mm of the one end of it through the loose end of the spring attached to the post. Loop the stainless steel wire through this end of the spring a few times, and then wind the remaining short piece of stainless steel wire around the longer length of wire now attached to the spring.
    b. Once you have sufficiently tied and secured one end of the stainless steel wire to the spring on the post, extend the rest of the 3m length of stainless steel wire across to the hammer drive anchor in the vertical wall, and loop the end of the wire around the protruding nail until the spring is slightly extended and the wire is taut. It is recommended that you loop the wire around the nail 2 to 3 times, then wind the excess piece of wire back around the taut wire until it is secure.
    c. Gently tap the protruding nail into the anchor with a hammer so that it is flush with the top of the anchor head. Take care not to place too much tension on the wire, as this may cause it to snap.
    d. Cut off any excess bits of stainless steel wire left.
13. If the length begins with a stainless steel post:
    a. Cut a 1x 3m length of stainless steel wire and loop about 100mm of the one end of it through the loose end of the spring attached to the post. Loop the stainless steel wire through this end of the spring a few times, and then wind the remaining short piece of stainless steel wire around the longer length of wire now attached to the spring.
    b. Once you have sufficiently tied and secured one end of the stainless steel wire to the spring on the post, extend the rest of the 3m length of stainless steel wire across to the next post along the series, and loop the end of the wire around the groove in the post until the spring

is slightly extended and the wire is taut. It is recommended that you loop the wire around the post 2 to 3 times, then wind the excess piece back around the taut wire until it is secure.

c. Take care not to place too much tension on the wire, as this may cause it to snap.
d. Cut off any excess bits of stainless steel wire left.

14. Repeat the above steps until all remaining Wire Trip lengths have been successfully installed to the Pergola Beams.

NB: Do not, under any circumstances, drill into asbestos roof sheeting/tiles, as this could be hazardous to your health, and will damage the sheeting/tile.

Should you experience any difficulty with your installation, please don't hesitate to make contact with us for assistance.

Contact Details

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