



**Physical Address**  
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## Installation of Wire Trip Stainless Steel Wire Deterrent to Window Ledges

**NB: Should your property incorporate window ledges of more than 2,5m in length each, this DIY solution will not be suitable for you, and a specialised installation by our skilled team will be required. Please refer to the end of this document for our contact details, should you wish for us to conduct an assessment and provide a quotation for your bird proofing needs.**

*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 2x strands)
2. Springs
3. Sealant
4. Hammer Drive Anchors
5. Drill Bit

### **Contacts**

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## **Step 1: Clean the affected area**

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).

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3. Ensure that your heavy duty refuse bags are ready, and are doubled-up (one bag inside another for increased protection against infection).
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, screws & springs in order to apply 2x complete lengths of Wire Trip per window ledge, running parallel to each other at 40mm centres across the width of the window ledge from the outer edge back, in order to ensure that pest birds are unable to perch on and contaminate the window ledge.

Please note that a length of Wire Trip should not be installed less than 20mm from the edge of any ledge to which you wish to install it. This is to prevent chipping of the plaster edges of painted parapets or ledges.

## **Step 3 (a): 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, Hammer Drive Anchors & Springs on hand.

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For this step, you will require:

1. Stainless Steel Wire (supplied)
2. Springs (supplied)
3. Sealant (supplied)
4. Drill Bit (supplied)
5. Drill with impact function
6. Hammer Drive Anchors (supplied)
7. Hammer
8. Pencil
9. Tape Measure
10. Rag/Cloth

Installation:

1. Using your tape measure and pencil, first measure 20mm back from the outer edge of the window ledge toward the window, and draw a line against the vertical reveal/side wall of the window on either side at this point. (NB: A length of Wire Trip should not be installed less than 20mm from the edge of any ledge you wish to install it to. This is to prevent chipping of the plaster edges of painted reveals, parapets or ledges.)
2. Second, measure 40mm back from the 20mm line you've just drawn, toward the window, and draw a line against the vertical reveal/side wall of the window on either side at this point.
3. Where the window ledge DOES NOT have a window opening directly on to it:
  - a. Along the first 20mm line you have drawn measure and mark off a height of 60mm from the surface of the window ledge/sill against the vertical reveal/side wall on each side of the window.
  - b. Along the second 40mm line you have drawn, measure and mark off a second point, also at a height of 60mm from the surface of the window ledge/sill against the vertical reveal/side wall on each side of the window.
4. Where the window ledge HAS a window opening directly on to it:
  - a. Along the first 20mm line you have drawn measure and mark off a height of 40mm from the surface of the window ledge/sill against the vertical reveal/side wall on each side of the window opening.
  - b. Along the second 40mm line you have drawn, measure and mark off a second point, also at a height of 40mm from the surface of the window ledge/sill against the vertical reveal/side wall on each side of the window opening. (Ensure that, when the stainless steel wire is strung up at a height of 40mm across the length of the window ledge, you are still able to open and close the window without interference)

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5. Once you are satisfied that you have measured and marked off the points as above, make use of your drill and the drill bit supplied, to drill holes at all of these points (ensure that the depth of the holes are sufficient for the hammer drive anchors which need to be inserted onto them).
6. For optimal results, ensure that you remove as much of the dust left within the drilled hole as possible, before proceeding.
7. Half fill each hole with sealant and insert the hammer drive anchors into the holes. (Preferably, half fill one hole with sealant, and then insert a hammer drive anchor into the hole before moving to the next hole. This will ensure that you have inserted the hammer drive anchors into the holes before the sealant solidifies)
8. Once the hammer drive anchors have been inserted into the holes, 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 window reveal/side wall.
9. Before hammering the protruding nail portion of the hammer drive anchor into the anchor hole, ensure that the anchors to be inserted on the one side of the window reveal/side wall each have a spring attached to them. This can be achieved by tightly looping the short length of wire attached to the spring, two or three times around the base of the protruding nail.
10. Next, to the one side of the window reveal/side wall, hammer the protruding nails into the anchors with the stainless steel springs attached to them, so that the nail is flush with the head of the anchor, the spring is tightly held, and the anchor is secured to the wall.
11. Then, on the other side of the window reveal/side wall, hammer the protruding nails into the anchors you have inserted into the holes in the wall. DO NOT hammer the nail completely into the wall yet. Leave approximately a 3-5mm gap between the head of the anchor and the head of the nail.
12. Beginning with the length that is furthest away from you, measure and cut a length of stainless steel wire sufficiently long enough to cover the length of the window ledge/sill, with about 300mm extra on each to work with.
13. Loop about 100mm of the one end of the stainless steel wire through the loose end of the spring attached to the hammer drive anchor. 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.
14. Once you have sufficiently tied and secured one end of the stainless steel wire to the spring on the screw, extend the rest of the length of stainless steel wire across to the hammer drive anchor with the nail protruding slightly on the other side of the window opening, and loop the end of the wire around the base of the nail until the spring is slightly extended and the wire is taut. It is recommended that you loop the wire around the screw 2 to 3 times, then wind the excess piece of wire back around the taut wire until it is secure.

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15. Gently hammer the slightly protruded nail into the anchor so that it is flush with the head of the anchor. Take care not to place too much tension on the wire, as this may cause it to snap.
16. Cut off any excess bits of stainless steel wire left.
17. Repeat the above steps until all remaining Wire Trip lengths have been successfully installed to the window ledge/sill.

*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**

#### **Bird Deterrent Specialists**

Phone: +27 21 797 7788 / +27 82 493 0216

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