



## Physical Address

31D Lone Palm Court  
Constantia Main Road  
Plumstead  
Cape Town  
7800

## Installation of Polycarbonate Bird Spike

*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. Polycarbonate Spike

### **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.

### **Contacts**

T: +27 21 797 7788 | F: +27 86 672 2053

E: [info@bds.org.za](mailto:info@bds.org.za) | W: [www.bds.org.za](http://www.bds.org.za)

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



For this step, you will require:

1. A Good Disinfectant 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).
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 Bird Spike 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.

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In the case of Bird Spike, be sure to measure both the width and the length of the surface to which you intend applying the product. We recommend the installation of one strip of Bird Spike per every 100mm width (running parallel to one another), in order to ensure that your affected surface is sufficiently protected.

The Bird Spike product comes incorporates grooves at intervals, which allows you to bend and break the strips to the size you require.

***NB: Please be careful when handling the Bird Spike product, as the points of the spikes are sharp, and may cause harm to yourself or others if handled carelessly.***

### **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 Bird Spike on hand and that you have adjusted the lengths of the Bird Spike as required.

For this step, you will require:

1. Bird Spike (adjusted lengths as required) (supplied)
2. Silicone Adhesive
3. Pencil
4. Tape Measure
5. Screws (optional)
6. Plastic Plugs (optional)
7. Sealant (optional)
8. Drill Bit (optional)
9. Drill (optional)
10. Screw Driver (optional)

Installation:

1. Using your tape measure and pencil, first measure 20mm back from the edge of the ledge or parapet you wish to treat, and draw a line across the length of the ledge or parapet at this point. (NB: If drilling holes, a length of Bird Spike should not be installed less than 20mm from the edge of any ledge or parapet you wish to install it to. This is to prevent chipping of the plaster edges of painted parapets or ledges.)
2. Before applying the Silicone Adhesive to the bottom of the Bird Spike, place the first piece of spike on the surface you wish to install it to, ensuring that it is just behind the 20mm line you have

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just drawn, is straight and is flush with any walls - exactly the manner in which you would like it to be installed.

3. You will notice that there are holes at intervals across the length of the product. Should you wish to reinforce your installation with screws, hold the Bird Spike in place with one hand and with the other, using your pencil, make a mark on the surface through the central hole along that length of Bird Spike, ensuring that the mark is visible to you.
4. Remove the Bird Spike from the surface and, where you have made your mark, drill a hole (all holes should be approximately 25mm deep).
5. Apply a drop or two of sealant to the hole.
6. Insert one of the plastic plugs into the hole.
7. Holding the Bird Spike bottom side up in one hand, and your Silicone Adhesive in the other, apply a single line of Silicone, 5mm wide, to the bottom surface of the Bird Spike product (the surface of the product that will be in contact with the ledge/parapet) along the length, from start to end.
8. Carefully apply the Bird Spike to the surface to which you wish it to be installed, ensuring that the central hole on the length of the Bird Spike lines up with the hole you have drilled in the surface.
9. Apply some pressure to assist the Silicone Adhesive in bonding to the surface.
10. Place one of the screws in the central hole of the length of the Bird Spike, so that it goes through into the plug within the hole you have drilled.
11. Using your screw driver, turn the screw into the plugged hole until tight, and to the point that the Bird Spike is secure against the surface. Take care not to allow the length of spike to move while you do this.
12. Repeat steps 1 to 11 above for the remaining Bird Spike lengths that require installation.

*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.

### **Bird Deterrent Specialists**

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

Fax: +27 86 672 2053

E-Mail: [info@bds.org.za](mailto:info@bds.org.za)

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