

## Installing the Hedgehog Gutterbrush

- 1) Before you begin installation please ensure that any leaves/debris are removed and the gutters/drains are clean.
- 2) It is very important that the correct diameter brush is chosen for the gutters or drains. The brush should fit fairly snugly in position with a maximum of 5mm gaps either side. If the brush is allowed to 'rattle' too much, it will be much less effective and is likely to be blown out. If you measure the inside width of the gutter and it is, say 90mm, the correct diameter of brush would be the standard 100mm diameter.
- 3) The filaments at the top of the brush should extend slightly above the level of the tiles or slate. N.B. Although perfectly suitable for standard 100mm square or round profile gutters, the 100mm diameter **Hedgehog**® brush will suit most gutter profiles and styles including Deepflow, Ogee and Classic profiles.
- 4) The brushes should run continuously along the whole length of the guttering. When one brush finishes, bend the excess wiring at the end of each brush backwards to form a hook and simply attach the two brush ends together to continue the run. The brushes can run directly across the down pipe or drain outlets. If there is excess brush at the end of the run, just cut the excess off with a pair of wire snips but make sure to leave approximately 50mm overrun, then just untwist the wire to remove excess filaments, re-twist the spine tightly and bend into a hook shape and secure into the gutter.
- 5) In cases where the gutter line tiles do not reach into the gutter properly, low hanging gutters or in windy areas, it is also recommended that the product is tied down with cable ties (400mm) or the **GutterClip**®, normally one at 1 metre intervals should be adequate. Please see separate GutterClip guide. **Important note:** The **Hedgehog**® Gutter Brush will withstand freezing conditions, however it is not designed to act as a snow guard. If the brush is not held securely in place by the tile nose, there may be a chance that snow slippage may dislodge the product. If there is a risk of this occurring or if in doubt, it is recommended that the product is secured with cable ties or **GutterClip**®s.
- 6) In normal circumstances, after fitting, the brushes and gutters should not require cleaning for at least 5 to 7 years and in some cases much longer. All large objects such as leaves and sticks will not be allowed to enter the gutter and therefore will blow away or perish. Smaller particles percolate down into the brush and will also break down. Water will still have free passage along the gutter but the particles will be prevented from reaching the drainage system and causing blockage.
- 7) After a short while the accumulation of dirt in the bottom of the gutter will be broken down by the action of aerobic bacteria and beneficial fungi. This biological decomposition and the passage of rainwater will become a self-cleaning process.

## **Terms of the 10 Year Product Guarantee**

We guarantee the manufacturing quality of the **Hedgehog®** Gutter Brush and that the wire and filaments will continue to perform their intended function for the 10 year warranty period. The limit of our liability is for the value of the original product or replacement with new product including transport to any mainland destination. For islands and export our guarantee is limited to the value of replacement product only. Proof of purchase must be retained and in the event of a claim, must be returned with the malfunctioned product.

***Please note: Only genuine Hedgehog® Gutter Brushes will be covered by our guarantee.***