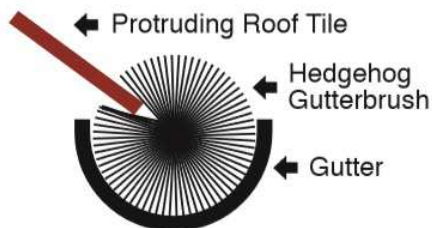


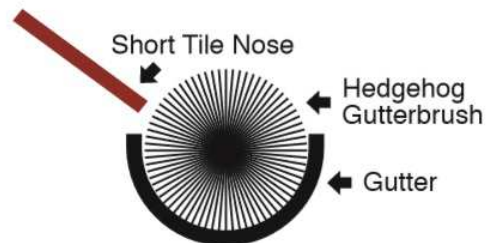
Hedgehog Fitting Instructions

Important Installation Notes

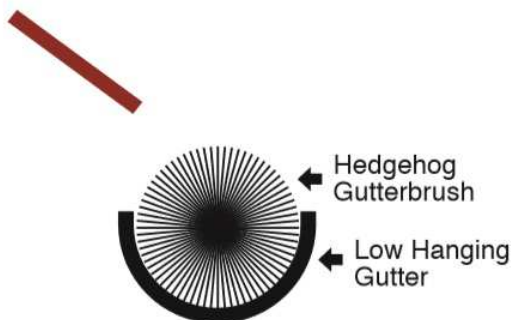
- Before installation ensure that any leaves/debris are removed and the gutters/drains are clean.
- It is very important that the correct diameter brush is chosen for the gutters or drains. The brush must fit snugly in position without any gaps either side. If the brush is allowed to 'rattle', it will 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.
- 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.
- 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 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 and bend into a hook shape and secure into the gutter.
- In some cases where the gutter line tiles do not reach into the gutter properly or in extremely windy areas it is also recommended that the product is tied down with cable ties (400mm) or the GutterClip, normally one at each end of a 4 mtr length and one in the middle should be adequate. Please see separate GutterClip guide.
- 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.
- 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.



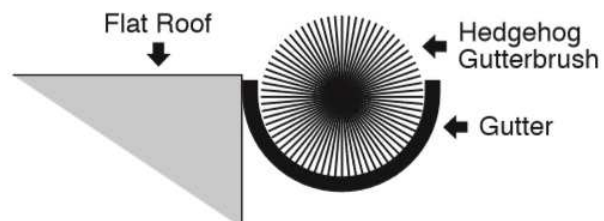
NOTE: The above scenario is ideal and does not require a fixing.



The above would require cable tie fixings



The above would require cable tie fixings



The above would require cable tie fixings