



# Radius Gutter Fitting Guidelines

## Ogee Niagra Brackets:

Screw fasten brackets at fascia at ideally 700 mm spacing using No. 8 screws.

Clip the first length into the brackets....this works best by putting the front edge of gutter into the bracket clip first and then pushing the back of the gutter down into its correct position. You will need to twist the gutter length it to achieve this (more so, the tighter the radius) being careful not to twist too far and damage the length.

## Box Gutter Brackets:

Screw fasten brackets to fascia at ideally 700 mm spacing using No. 8 screws.

This gutter sits loose in the u-shape brackets and should be bonded to the bracket using a suitable bonding sealant only. Where the brackets are visible it is highly recommended that this bonding sealant is a suitable colour.

## For both versions

Continue fitting sections as above, pushing the sections together to make a butt joint. As the sections are trimmed by hand, it may be necessary to sand the two faces to achieve the neatest joint.

**Joins** – The union sections fit to the inside face of the two lengths – across the butt joint. The back face of the union and the inside of gutter, where the union fits, should be lightly keyed-up using a medium-coarse 40 – 80 grit sandpaper. A generous smear of sealant is then applied to both faces and the union pushed into place. Excess sealant should be removed and can be cleaned off using either white spirit, acetone or paint thinners.

**TIP (1)** – Apply masking / duct tape to the front faces before applying the sealant. This will help keep the guttering fascia in line and will stop the sealant oozing out of the join.

**TIP (2)** – Occasionally, if the radius lengths are stored for a long time prior to fitting, the ends may have warped slightly and the joining surfaces will not line up correctly. In this case it is easier to pre-fit the union and allow it to fully cure to one half of the join only, before fitting the other length to the other side of the join. Tape or G-cramps can then be used to hold the edges of the subsequent radius length in the correct position while the sealant cures.

**NOTE** – The sealant can be applied in damp conditions but works best if all faces are totally dry. Leave the sealant to harden for 12 hours after application before removing any tape, etc.

**Stopends** – As with the unions, key up matching faces, apply sealant and push stopends into position. Remove excess sealant.

**Downpipe adaptors – Round** – Choose best position for downpipe. Mark on the inside of the gutter the central spot. Using a 55 mm hole saw, cut the hole in the bottom of the gutter length and attach the adaptor by screwing the two halves together.

**Square** – Cut a square hole 65 mm x 65 mm. Key top edge of adaptor and area around hole, apply sealant and push into position. Clean off excess sealant.

**Corners** - Using the method already described, attach a union to one side of the corner and to one end of the radius length and allow these to cure / harden before fitting the corner. The pre-fitted unions can then be used as solid points to attach the corner as per radius length joints.