



- ✓ To position the running outlet accurately, hold a plumb line against the fascia directly over the drain.
- ✓ Mark the position on the fascia with a pencil.
- ✓ Fit the outlet no more than 50mm below the level of the roof tiles.



- ✓ Fit a fascia bracket just below the top of the fascia board at one end of the run of guttering (opposite end of the outlet)
- ✓ Tie a plumb line (string) around the base of the bracket.



- ✓ Stretch the plumb Line from the bracket along the fascia board and tie it to the outlet.
- ✓ Using a spirit level, check that there is a fall towards the outlet (1.350 is recommended) to encourage water to drain efficiently.

REMEMBER:

Start by planning your Installation using component diagrams to assist you in selecting the correct materials.



- ✓ Mark the position of the fascia brackets, spacing them no more than 800mm apart (600mm in areas of heavy snowfall) and no more than 150mm from any angle or stepend.



- ✓ Fix the rest of the fascia brackets



- ✓ Starting at the outlet, fit the first length of gutter using the 'back to front' rule (see below).
- ✓ Fit a union bracket at the other end of the first length and screw it into the fascia, then fit the next length of gutter into it.
- ✓ Continue joining lengths.
- ✓ Make sure all joints line up with the insertion depth marked in the fittings.



- ✓ Cut the last section of gutter to fit using a hacksaw and fit a stepend

'Back to Front' Rule: Tilt the gutter to fit under the back clip and snap in at the front.



- ✓ Using a plumb line, mark a vertical line on the wall from the outlet to the drain.



- ✓ Hold a **downpipe clip** centrally over the line and mark the fixing holes on the wall with a pencil.
- ✓ Repeat down the wall, spacing **pipe clips** no more than 1.8m apart.



- ✓ Drill the fixing holes.

RECOMMENDED:
Use wall plugs when fitting pipe clip screws to ensure that the application is secure

RECOMMENDED:
Use lubricant on all gutter seals for ease of fitting and for improved performance.



- ✓ Working from the top downwards, install the **downpipe**. If additional lengths of **downpipe** are required, join using a **socket** and **pipe clip**



- ✓ Leave a 10mm gap between the end of the **pipe** and the bottom of the **pipe socket** to allow for expansion.
- ✓ Fix a **pipe clip** over the joint.



- ✓ Fit the **pipe clips** to the **downpipe** and screw them into the wall.

RECOMMENDED:
Secure pipe/socket clips with two 5mm x 40mm screws.



- ✓ Fit the **shoe** at the bottom of the **downpipe** so that it directs water into the drain, if required.
- ✓ Secure the joint with a **pipe clip**.