

Ambassador Gutters – G55 & G146

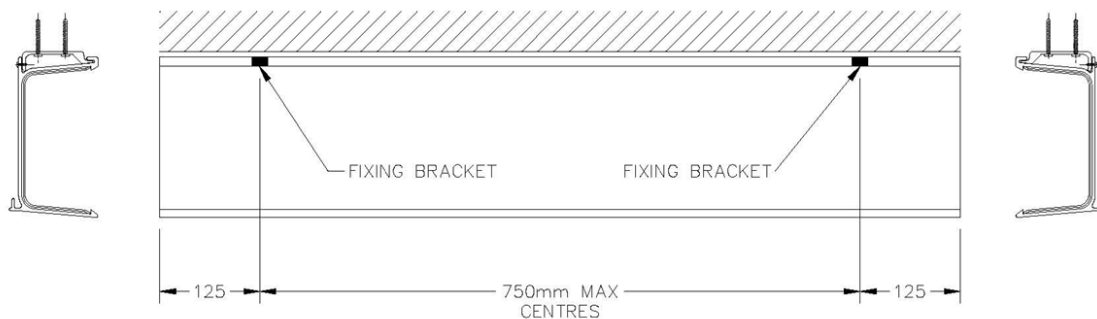
Fixing Instructions

1. General

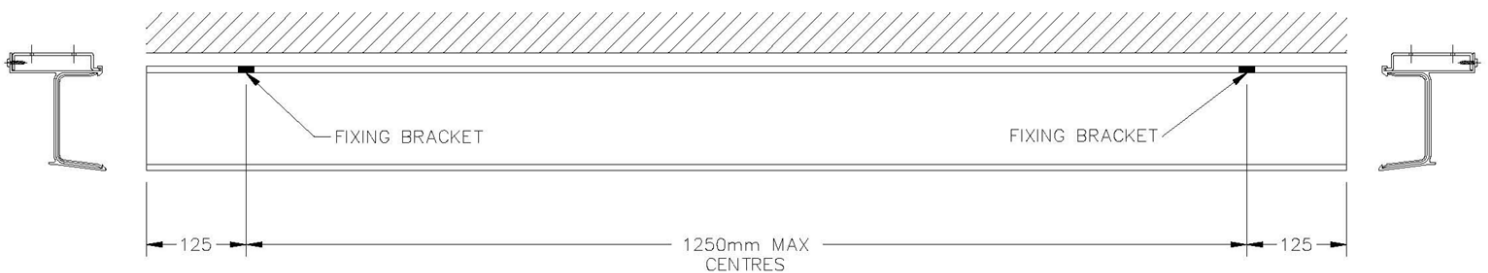
Fix all corners, stop ends and outlets first. Then fix straight lengths, cutting to fit as necessary. Leave a 3mm expansion gap at every joint. Install the gutter level, not to falls. If installation drawings have been prepared they are to be read in conjunction with these instructions.

2. Brackets

PLAN OF G146 GUTTER



PLAN OF G55 GUTTER

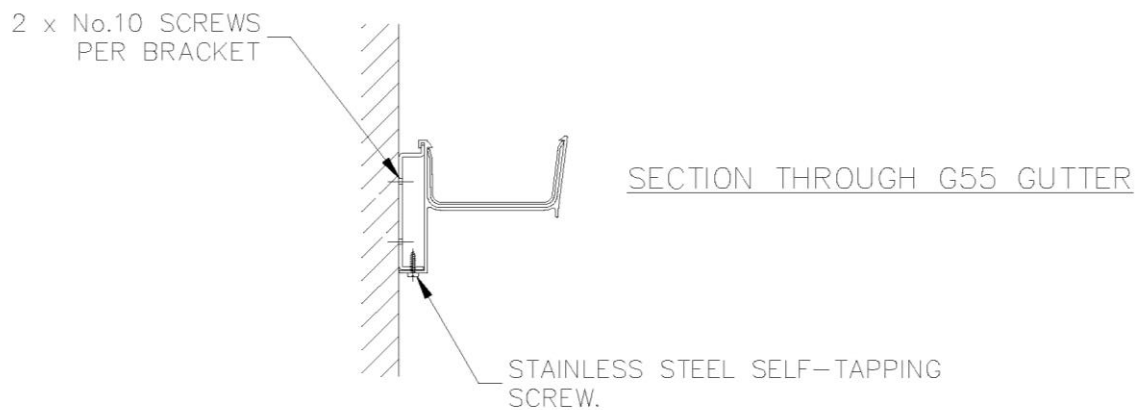
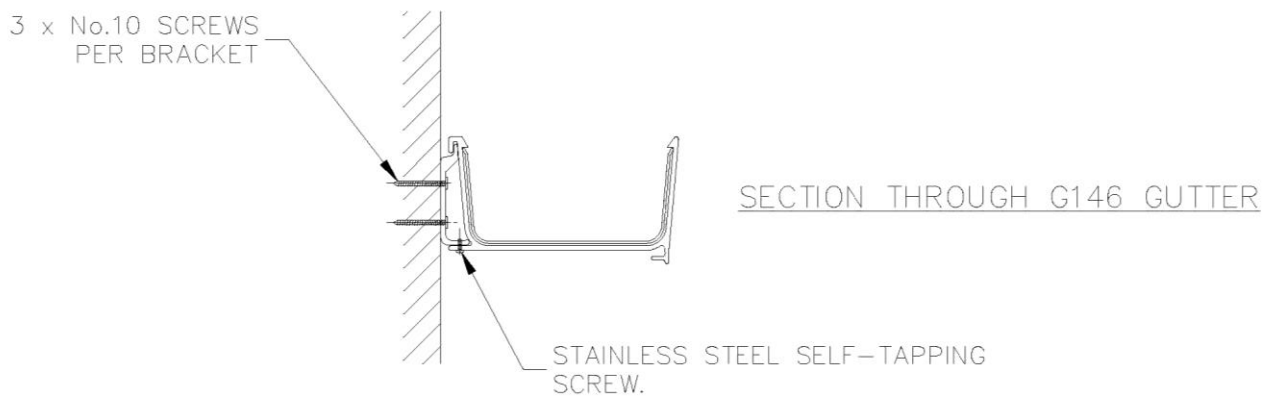


Centres of Fixing Brackets

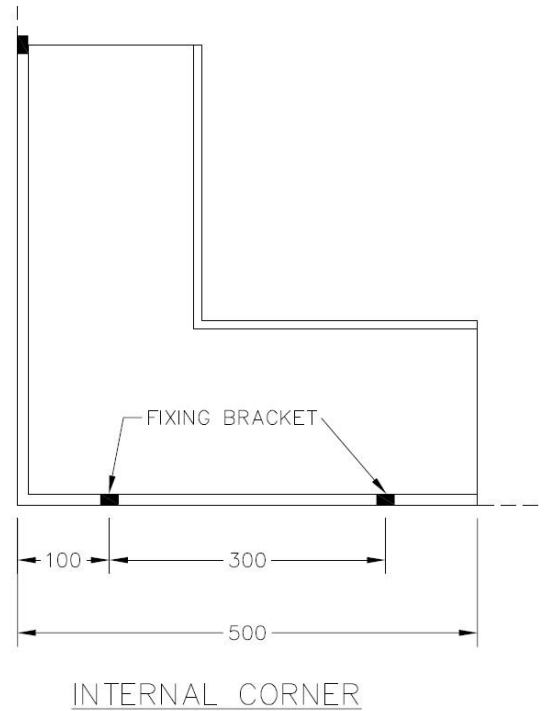
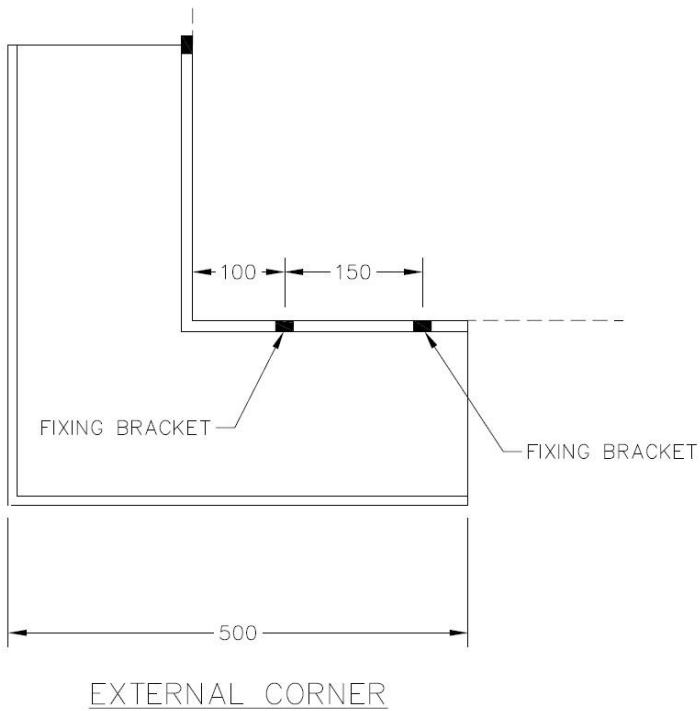
Mark out fixing centres of brackets observing the maximum centres shown above. See section 3 on page 3 for fixing corner sections and outlets.

Fix the brackets to a line. Use packing as necessary. G55 brackets are fixed with two No. 10 round head screws; G146 brackets require three screws. Screws must be stainless steel or zinc plated.

Gutters are clipped over the brackets and secured with a 20mm stainless steel self-tapping screw through the bottom flange (self-tapping screws supplied)



3. Corners & Outlets



Fix two brackets to one side of the corner as shown above.

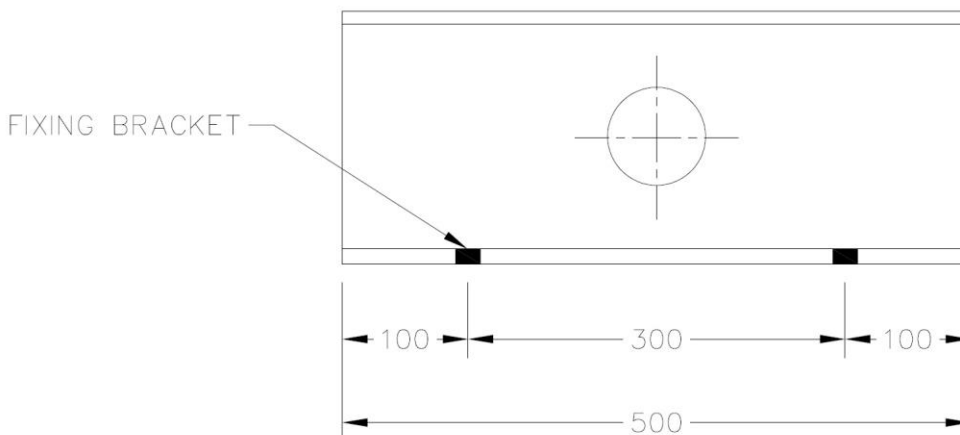
Clip the gutter section over the brackets.

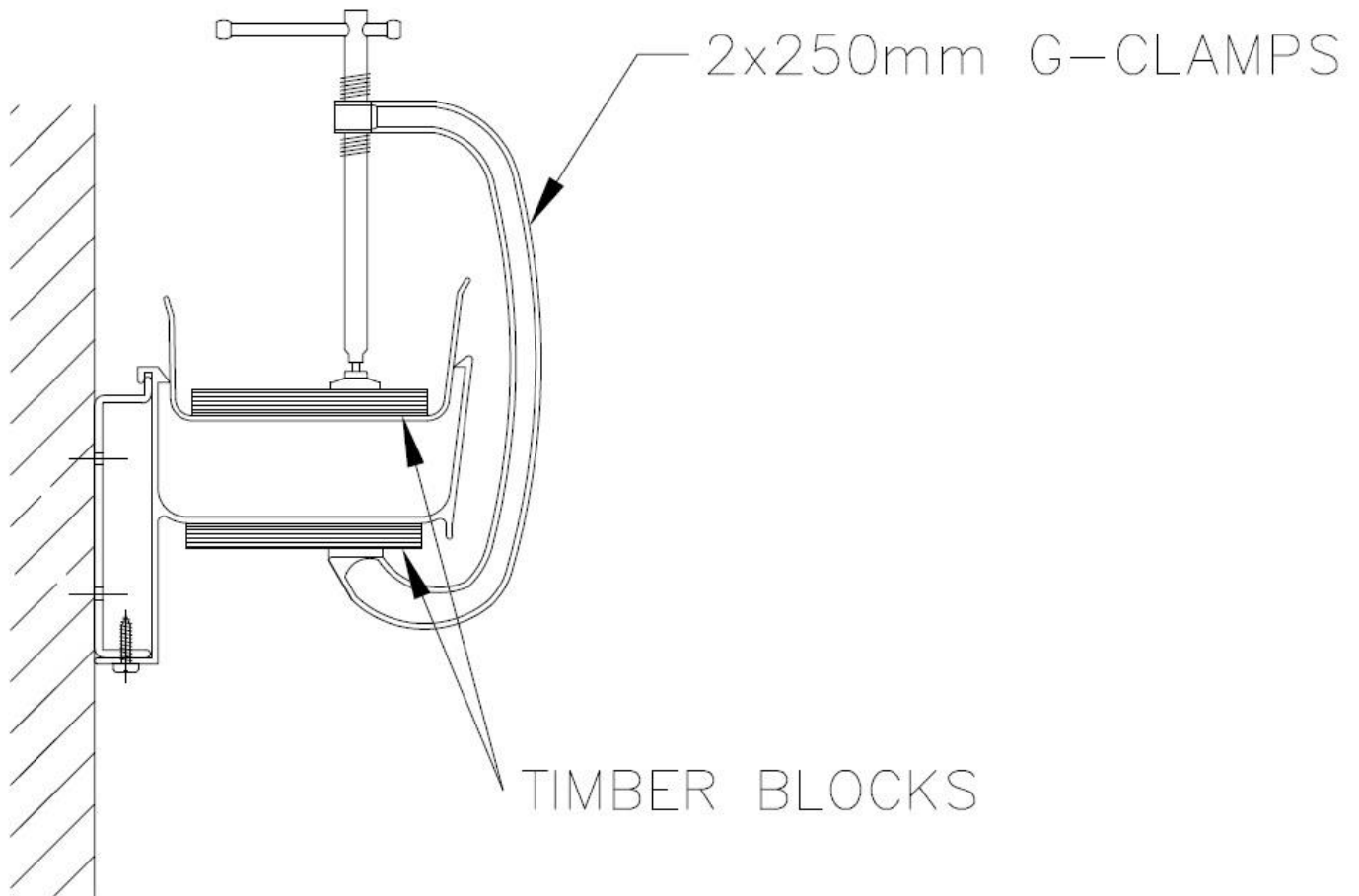
Slide the third bracket into the other side of the gutter so that the bracket will support the gutter but the fixing holes are still accessible.

Ensuring that the gutter is level, fix the third bracket. Finally fix the self-tapping screws into the bottom flange.

Outlets are generally fixed as straight lengths. The centre of the outlet should be positioned to suit the required position of downpipe and gully.

TYPICAL OUTLET





NOTE:

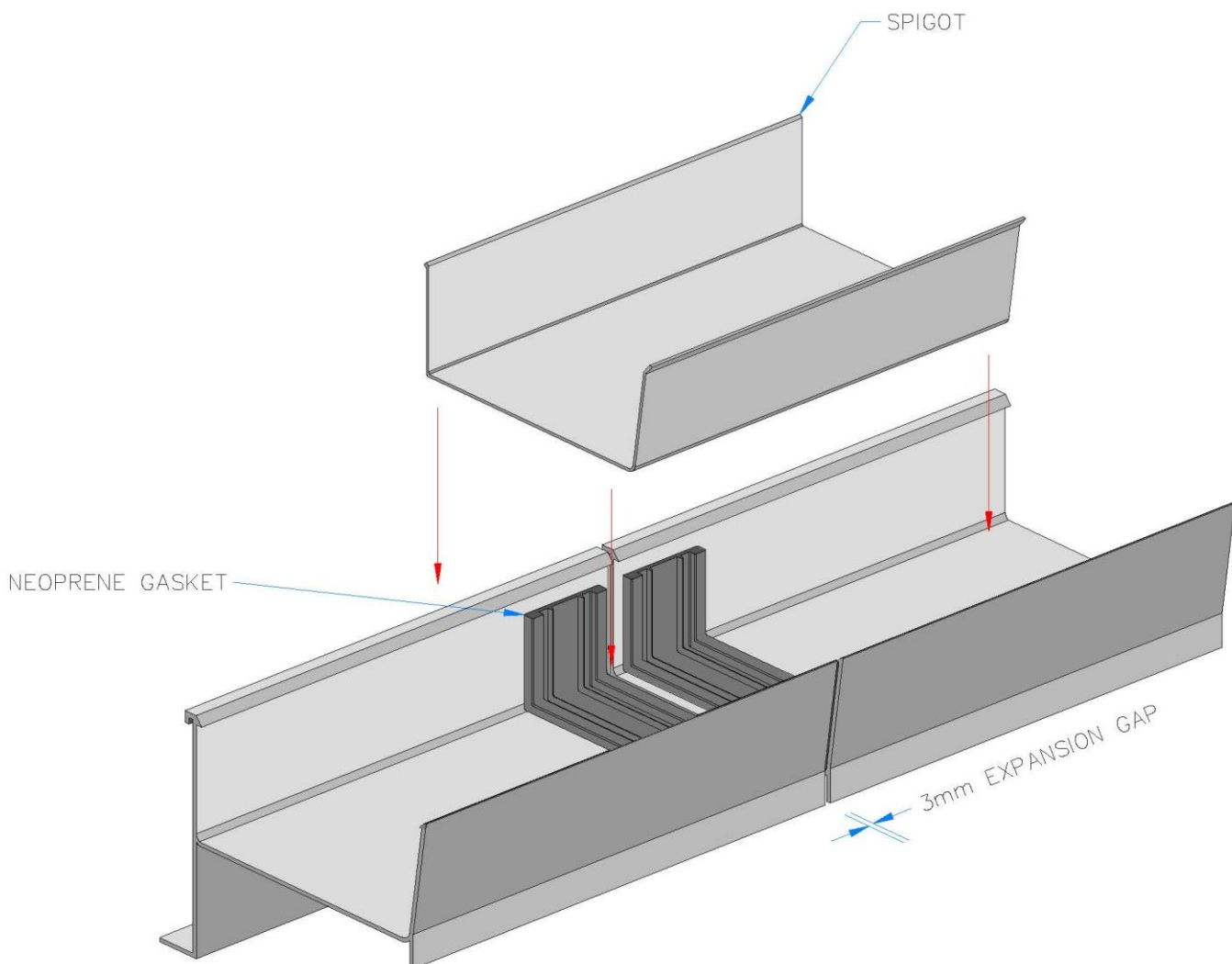
- (1) The timber block used inside the spigot should be full width of the spigot to avoid damage i.e. 100mm wide for G55 gutter, 140mm wide for G146 gutter.
- (2) If the access is restricted, the joint can be made by hooking the back edge of the spigot into place and positioning the G-clamps nearer the front edge of the gutter.
- (3) If necessary joint spigots can be removed by using two large screwdrivers and levering the spigot from under the lip on the front edge.

4. Jointing

Clean the inside of the gutter at each end with methylated spirits. Cut two lengths of neoprene gasket 200mm long for G55 or 300mm for G146. Remove the backing paper and fit the gaskets on each side of the joint, pressing them well into the corners of the gutter.

Apply a suitable lubricant to the gaskets to facilitate the fitting of the spigots. (Hand cleanser or washing-up liquid makes an ideal lubricant and is usually readily available on site).

Place the spigot in the gutter centrally over the joint and with the aid of G-clamps and timber blocks, press the spigot until it clips under the lips of the gutter.

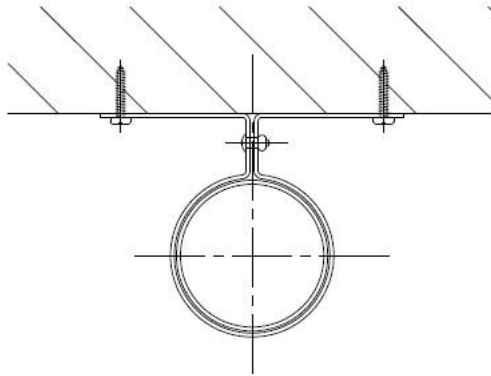


Note that on the G55 gutters the longer leg of the spigot is towards the outside of the building.

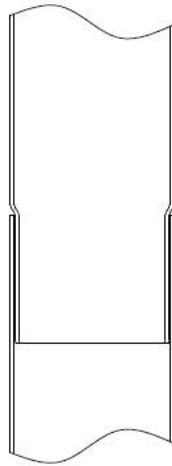
5. Circular Downpipes

Circular downpipes are fixed with pipe brackets at 1500mm centres maximum. The brackets slide over the pipe and are clamped in the required position.

Fixings can be either 6mm expanding bolts or No.10 screws and plugs. Use washers under nuts or heads of screws to allow for thermal movement. Silicone based sealant should be applied between pipe and top edge of socket.



PIPE BRACKET



PIPE JOINTING
SWAGE