

Aluminium Fascia & Soffit Systems Installation Guide

Soffit installation:

Note:

All adjoining surfaces on Fascia and Soffit to be thoroughly cleaned with solvent cleaner (SC108) prior to silicone sealing.

Step 1:

Pre drill 2 parallel rows of 5mm pilot holes in the Soffit at 600mm centres along the panel length. If the Soffit width is greater than 600mm then a minimum 3 rows of screws are required.

Offer up the Soffit and screw to pre-fitted 18mm thick marine grade plywood backing board with SC675 screws (Fig. 1)

If using Type A or Type C Fascia, the front row of screws can be positioned to be concealed by the bottom front return edge of the fascia.

Step 2:

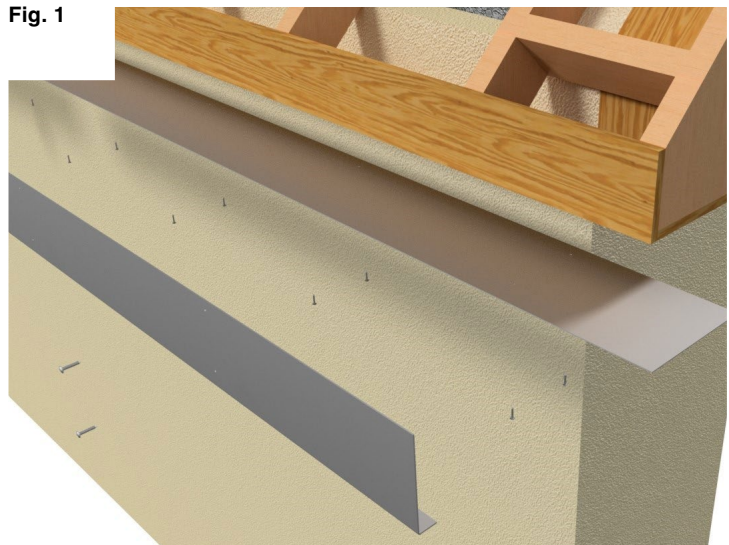
Joints between abutting Soffit panels are made with internal joint trims (Fig. 2).

To fit the the joint trims, apply a bead of silicone sealant along the length of one side of the joint trim and slide into position under the already fitted Soffit panel.

Step 3:

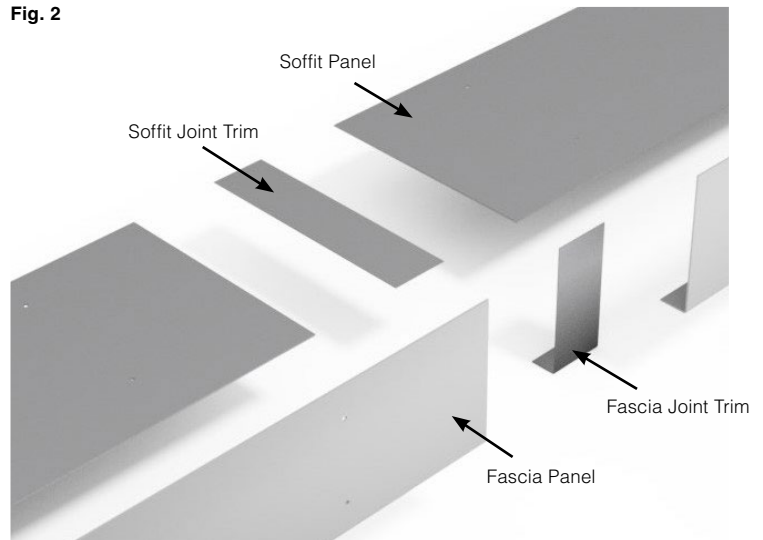
Install the next Soffit panel using the same process as in Step 1. Apply a bead of silicone sealant to the exposed side of the Joint trim before fitting the next soffit. Ensure a 4mm expansion gap between the panels. Continue along the length of the building repeating steps 1 to 3.

Fig. 1



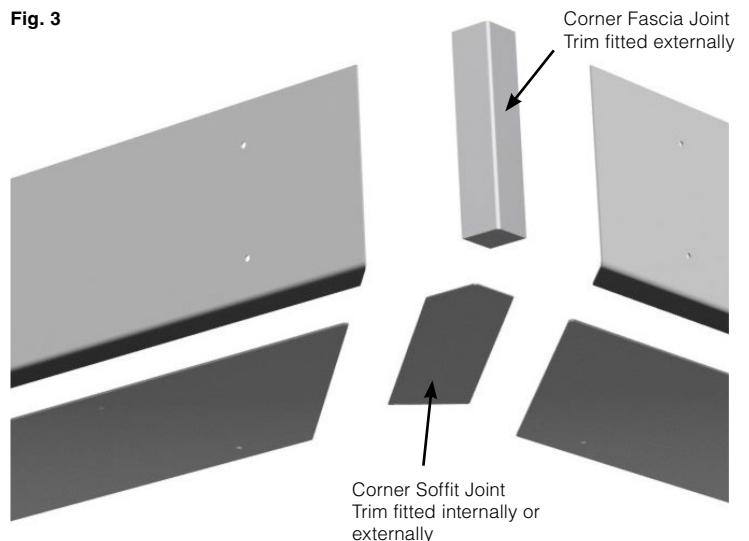
Fixing - Maximum 600mm centres

Fig. 2



Jointing - Straight sections

Fig. 3



Jointing - Corner Detail

Fascia Panel Installation

Step 4:

Pre drill 2 parallel rows of 5mm pilot holes in the Fascia at 600mm centres. If Fascia width is over 600mm then a minimum 3 rows of screws are required. For Fascia panels supporting guttering the top row should be drilled above the gutter line. Offer up Fascia and screw to pre-fitted 18mm thick marine grade plywood backing board with SC675 screws (Fig. 1.)

Step 5:

Joints between abutting Fascia panels are made with internal joint trims (Fig. 2).

To fit the the joint trims, apply a bead of silicone sealant along the length of one side of the joint trim and slide into position under the already fitted Fascia panel.

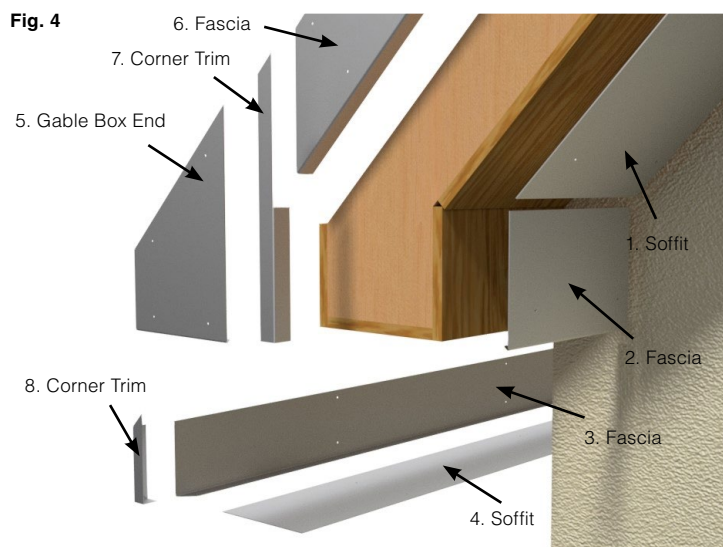
Step 6:

Install next Fascia panel using the same process as in Step 4. Apply a bead of silicone sealant to the exposed length of the Joint trim before fitting the next Fascia. Ensure a 4mm expansion gap between the panels. Continue along the length of the building repeating steps 4 to 6.

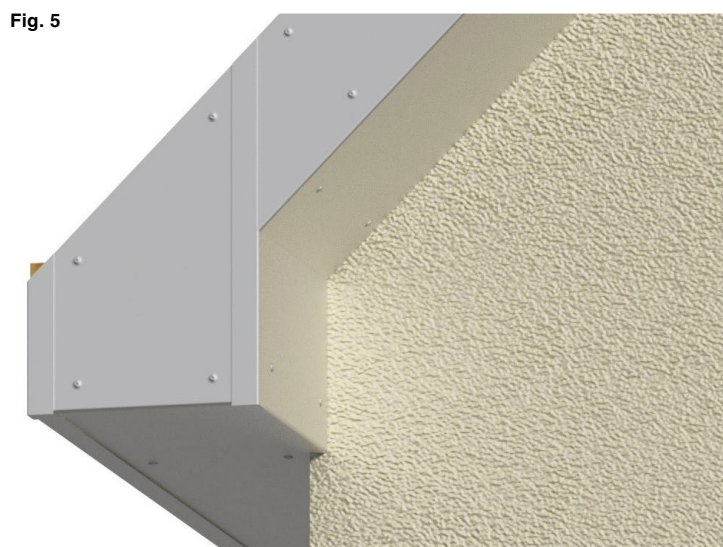
Step 7:

The fascia corner trim is fitted externally. Clean faces using solvent cleaner and cut to size if needed. Apply a bead of silicone sealant to the rear faces of the trim and press into position on the fascia. Temporarily hold in place with low tack masking tape. Remove when sealant has cured (Fig. 3)

The joint trim for the soffit can be fitted internally or externally.



Typical box end construction



Completed typical box end



Angled soffit box end construction

Box End Installation

Step 1:

On Fascia (3) cut/mitre the small return fold at 45 degrees. Install Fascia (3) and Soffit (4) as per above Fascia & Soffit installation instructions.

Step 2:

Pre-drill Soffit (1) with 2 parallel rows of 5mm pilot holes at 600mm centres along the panel length. If the Soffit width is greater than 600mm then a minimum 3 rows of screws are required.

Offer up Soffit and screw to pre-fitted 18mm thick marine grade plywood backing board with SC675 screws.

If using Type A or Type C Fascia, the front row of screws can be positioned to be concealed by the bottom front return edge of the fascia.

Step 3:

Measure and cut a piece of Fascia (2) to length. Cut/mitre the small return fold at 45 degrees where it meets the box end (5). Depth of Fascia may also need to be cut to suit. Pre-drill holes as in step 2. Offer up Fascia and screw to pre-fitted 18mm thick marine grade plywood backing board with SC675 screws.

Step 4:

On the gable box end (5) mark the roof angle and cut/mitre the part to suit. Cut/mitre the small return fold at 45 degrees on both ends where it meets Fascia (2) & (3).

Pre-drill holes as in step 2. Offer up Fascia and screw to pre-fitted 18mm thick marine grade plywood backing board with SC675 screws.

Step 5:

On Fascia (6) mark the roof angle and cut/mitre the end of the panel.

Pre-drill holes as in step 2. Offer up Fascia and screw to pre-fitted 18mm thick marine grade plywood backing board with SC675 screws.

Step 6:

Offer up corner trims (7 & 8), mark the roof angle and lengths. Cut/mitre the trims to size.

Apply a bead of silicone sealant to the insides of the trims and press into position. Temporarily hold in place with low tack masking tape. Remove when sealant has cured.

Step 7:

Touch up all cut edges with the supplied touch up paint.