

Vertical cladding

Profiled sheeting can be used in a wide range of vertical details for agricultural, industrial and residential applications.

Top Fix Systems

When fixing Profile 6 using topfix fasteners on a vertical application, some provision must be made to support the weight of the sheets, otherwise the sheets will sag down from their intended position and both the fasteners and the fibre cement will be overstressed.

The base of each sheet should be supported on two support clips which hook over the sheeting rail. The support clips should be positioned in the valley corrugations adjacent to the fixing position.

Valley fasteners

An alternative solution, which doesn't require the support clips, is to fix the sheets in the valley corrugations. The sheets should be predrilled with a 2mm oversize hole. The SFS fasteners suitable for this application are as follows:

- Hot rolled rails: SD12 – T15 – 5.5 x 70 together with BAZ washers
- Cold rolled rails: SD3 – T15 – 5.5 x 60 together with BAZ washers
- Timber rails: TDC – T – T16 – 6.3 x 76 together with BAZ washer (drill a 4mm pilot hole in the timber rail).

The fixing methods described above can be used on single skin applications.

Double skin applications

Please contact the Marley Eternit Technical Department for further details.

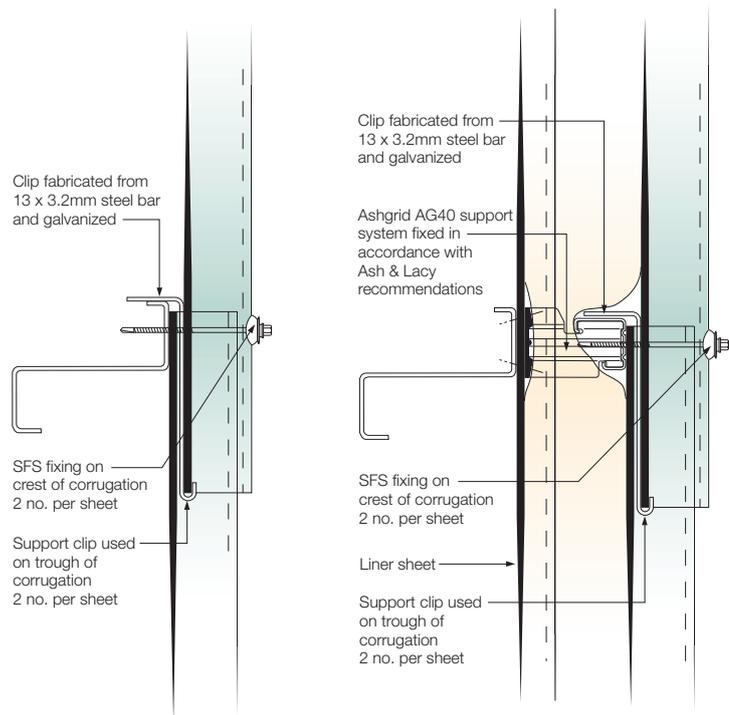


Fig.1 – Single skin vertical profiled sheeting

Fig.2 – Typical Double skin vertical profiled sheeting

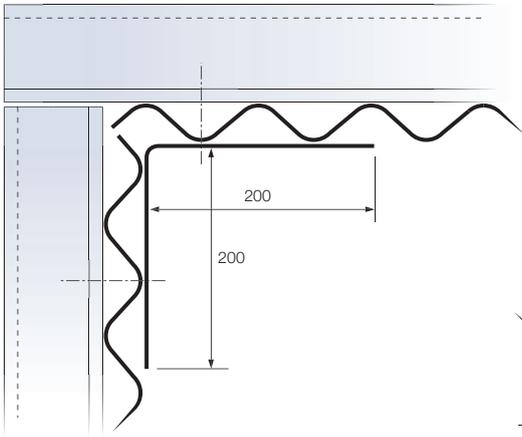


Fig.3 - Internal corner section

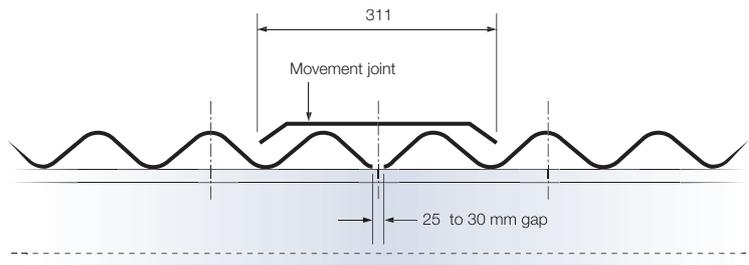


Fig.4 - Vertical movement joint

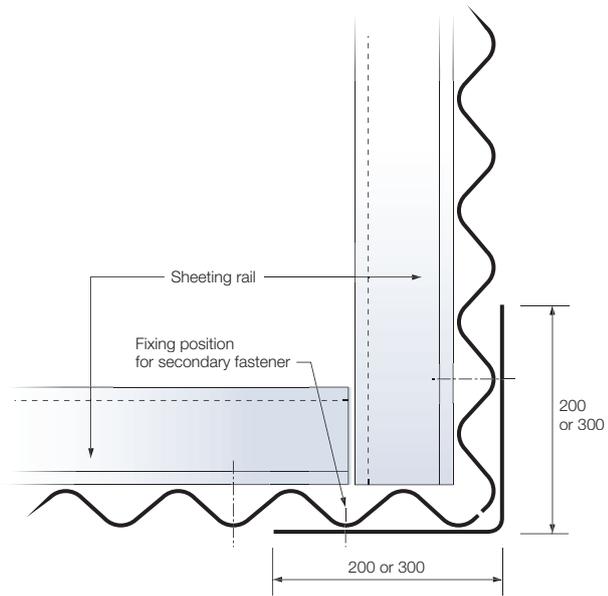
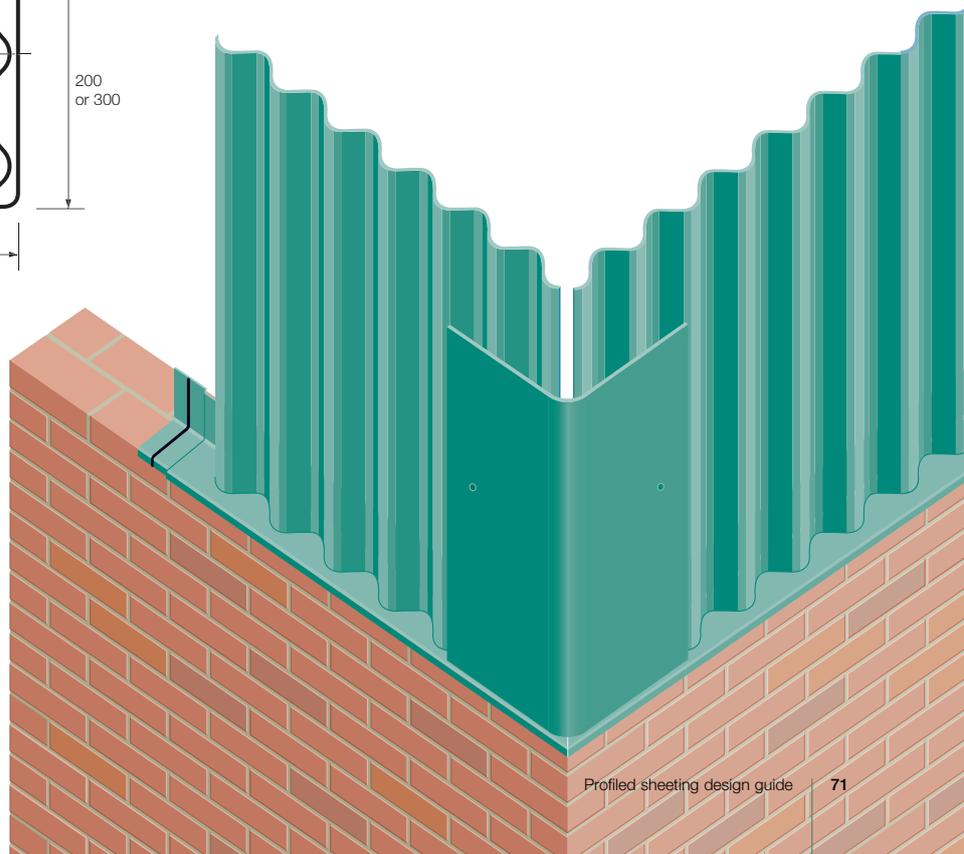
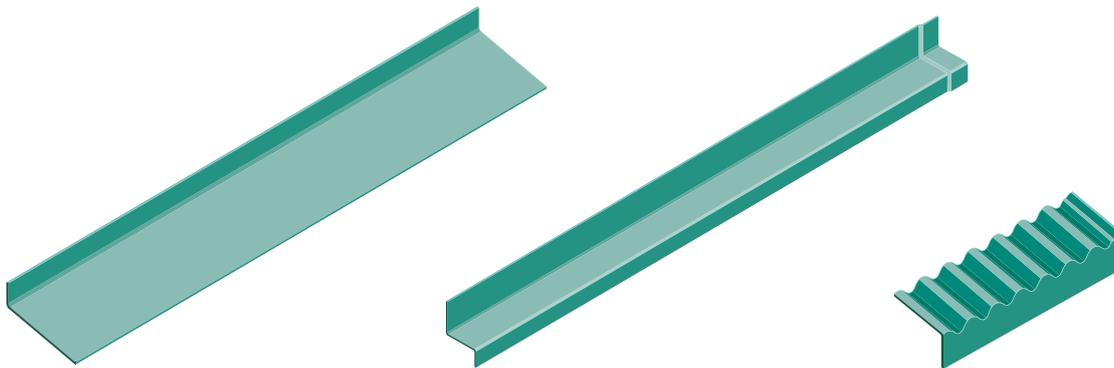


Fig.5 - External corner section



Vertical cladding single skin walls

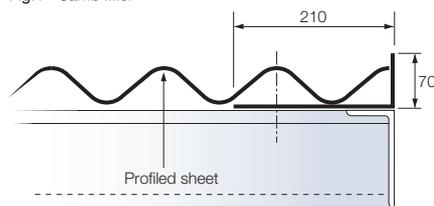


Jamb fillers

With two flat wings set at right angles, jamb filler pieces give a neat finish to the sides of door and window openings. The broad wing is fitted behind the vertical sheet and the narrow wing then presents a flat surface at the side of the opening. For single skin profiled sheeting, a 70mm nib is provided.

Screw directly to steelwork or stitch to corrugated sheeting with seam bolts. (Fig.1)

Fig.1 – Jamb filler



Horizontal flashing pieces

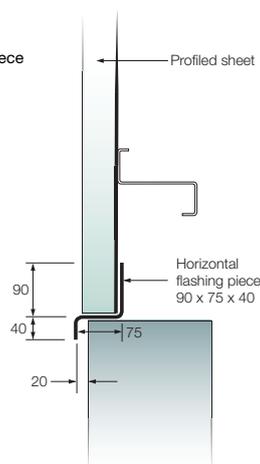
Horizontal flashing pieces are used as a flashing when sheeting comes down to a wall. One wing of the Z section fits behind the sheeting, whilst the other wing fits over the wall. For single skin profiled sheeting, the horizontal dimension is 75mm.

Fix by stitching to sheeting or screwing directly to steelwork (Fig.2)

Note

Horizontal flashing pieces should bear directly onto the brick or block wall or plinth to give proper support to the dead load of the vertical sheeting.

Fig.2 – Horizontal flashing piece



Lintel fillers

Lintel filler pieces (eaves closure pieces), close the corrugations of vertical sheeting above door, window or other openings. A choice of backs is available from 65 to 250mm and the fitting is universal.

Fix by screwing directly to the structure in conjunction with sheeting or by stitching to the sheeting with seam bolts.

Fig. 3 shows a typical single skin detail with a 65mm back.

Fig.3 – Lintel filler

