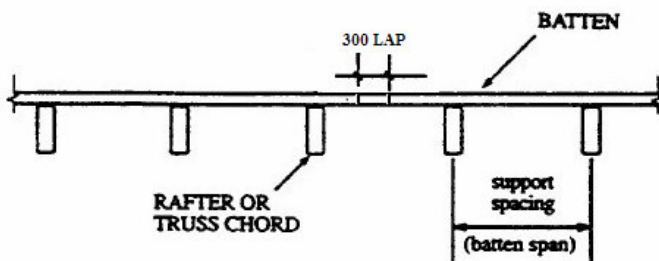


SHEET ROOF INSTALATION



ROOF BATTENS

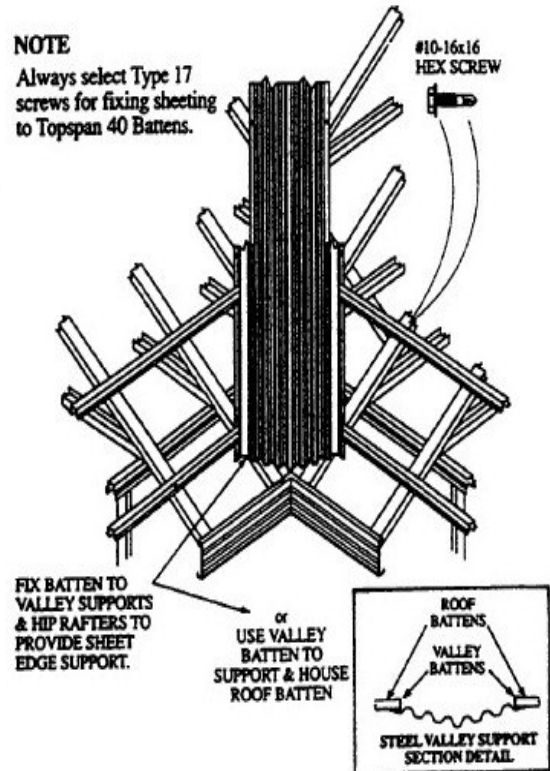
1. To minimize cutting, lay all battens in one direction, starting from one end of the roof. Lap battens 300mm for mid-span joints and place tek screws at each end of lap.
2. Cut battens to length using a saw or tin snips.
3. Roof batten spacing is calculated on the sheet profile and length. The number of supports per sheet is usually defined in sheet manufacturers tables.
4. Fix battens to trusses using #10-16x16 Hex screws, to both batten flanges at each truss. See Figure 2.
5. Valley and Hip Ends will require a batten to be fixed to the valley support or hip rafters to provide sheet edge support.



Lapping Battens

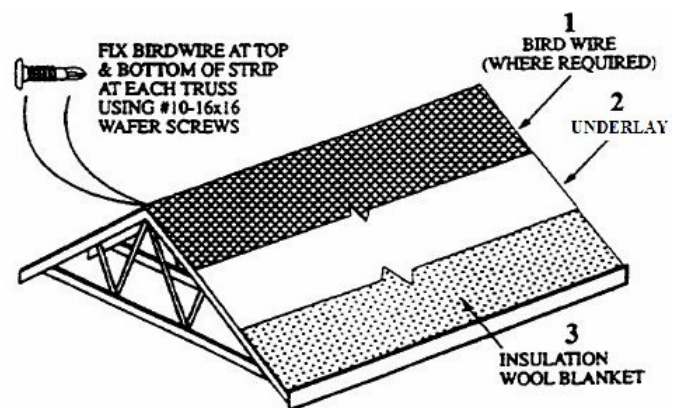
NOTE

Always select Type 17 screws for fixing sheeting to Topspan 40 Battens.



BIRD WIRE & SARKING

Where insulation materials are used, they should be laid over the battens as shown in the diagram below.



Fixing Insulation Materials

SHEET INSTALLATION

1. On roofs with a slope below 25°, the trays between the ribs require turning up to prevent wind driven water from entering the building. Before sheet installation, ribbed sheets are gripped with an adjustable spanner and turned up as far as possible. Special tools are available for other sheet profiles. See Figure 1.
2. Sheet lengths normally cover the roof run. If more than one sheet is used, sheeting should be lapped according to manufacturers recommendations. See Figure 2.
3. Fix the first sheet to the roof using the sheet manufacturers recommended screws and fixing intervals. Do not fix in valleys of the sheet. When fixing to light gauge battens, ensure that a coarse threaded screw is used, as recommended by the manufacturer. See Figure 3.
4. When the following sheets are fixed, it is important that the profiles are lapped correctly according to manufacturers recommendations.
5. Fix Flashings and capping according to manufacturers recommendations. See Figure 4.

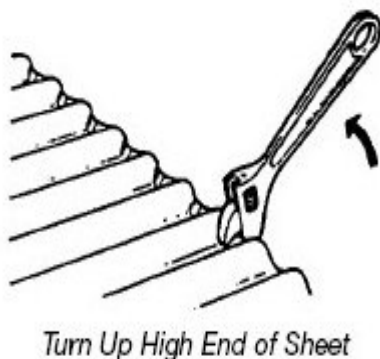


Figure 1

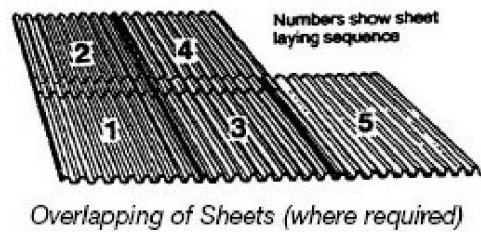


Figure 2



Figure 3

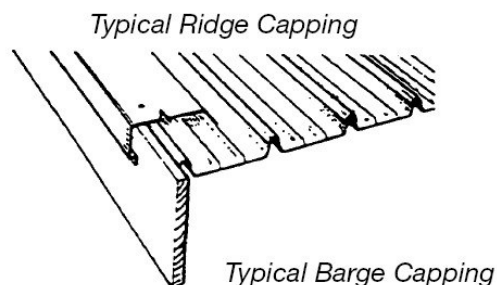
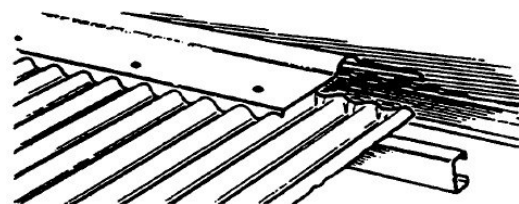
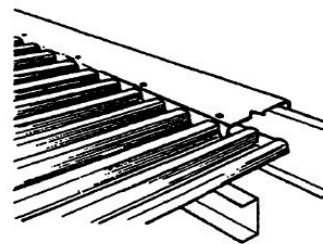


Figure 4

For further information please contact:

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IMPORTANT

This publication is designed to assist Qualified tradespersons in the fixing of materials to steel framed houses and is not intended for use by untrained personnel. The recommendations are a guide only. All fixing should be in accordance with manufacturers Specifications.

The information contained in this literature is correct at the time of printing. However, it is subject to change without notice.