

GRP Over Batten Dry Valley System Installation Guide

Eaves and Top Closure

GRP Over Batten Valley Trough is suitable for roof pitches up to 60 degree, and strongly recommend that plywood or timber valley boards should be used. The underlay and battens are fitted as standard practice, with a batten running the length of the valley on each side to accommodate the external raised water bar section.

When using the Eaves Closure, the 150mm long GRP pre-cut valley section support should be positioned close to the eaves (Image 1). The eaves closure piece should be overlaid onto the GRP pre-cut valley section

(150mm overlap), ensuring the GRP valley edges are positioned over the longitudinal battens (Image 2). At the highest point, fix with a large headed clout nail into the longitudinal batten. The Valley Troughs are fitted onto the valley boards and firmly fixed from the eaves closure section upwards, (Image 3). Using suitable large headed roofing nails on either side of the trough and through the top flat section of the water bar, at a minimum of 500mm centres.

All overlaps should be at least 150mm, and care should be taken to ensure the central raised section is not distorted, and positioned central to the valley. If the valley trough finishes with a corresponding valley at the ridge, the top closure piece can be used. These closure sections overlap the valley troughs and underlap the slates or tiles that form over this point. (Image 4)

The longitudinal battens of each valley should meet and be mitred so that the top of the top closure can be fixed with a suitable roofing nail to stop any movement. The top closure then overlaps both valley troughs by 150mm and forms a neat, tidy waterproof seal. (image 4)

Tiles or Slates can now be laid into and over the troughs. When cutting the tiles or slates, it is important that neither should be forced to fit, in case of distortion to the central upstand. In some instances small cuts will be required, and self adhesive packers are supplied with the valley to support these small cuts if required.

When slating or tiling is complete, the eaves closure section should be cut with a sharp knife or scissors to allow water to discharge into the rainwater gutter. It is important to ensure that the valley troughs are cleared of any debris on completion, so water flow is not impeded.



For further technical advice please ask for our data sheet and assembly document, or contact:



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