ARDEX Shelterbit Shingles

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LAYING ARDEX SHELTERBIT SHINGLES

Ardex Shelterbit Shingles are made from a 4mm thick polyester and fibreglass reinforced APP modified bitumen membrane with a slate finish, referred to elsewhere in this manual as Ardex WPM 555 (Shelterbit Phoenix Star).

External Moisture

To comply with New Zealand Building Code Acceptable Solution E2/AS1 bitumen shingles should be laid at a minimum pitch of 17.5˚.

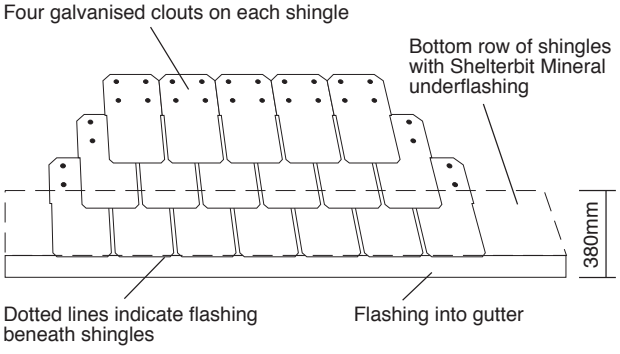
Underflashings

Fix Shelterbit 380mm underflashings to valleys etc. and also as a starter course along the bottom of the roof allowing an overlay into the gutter. All surfaces to which the underflashings are to be fixed should be primed with Ardex WPM 240 (Shelter Primer).

Laying

1. Mark a chalk line horizontally along the roof one shingle height up. This marks the top of the first row of shingles.
2. The contoured edge of each shingle provides the correct spacing. The top edge when butted also prevents water blowing back up the shingle. The top of each shingle is then fixed with four galvanised clouts. To locate the next row mark a horizontal chalk line up one shingle height minus the overlap onto the lower shingle.
3. The lower half of each shingle must be heated by lifting the shingle back and heating the under surface by the same method used to apply other Torch-on membranes. Care must be taken not to discolour the mineral surface of the shingle below. A piece of plywood can be used to provide a mask and a working platform. The top row of shingles may be cut to suit the apex and a Shelterbit Mineral overflashing used to finish the ridge. Any loose mineral should be brushed off the roof with a soft broom.
4. The heated shingle is then carefully rolled down, paying attention to the lapped edges.

Roof area coverage per 50 shingles is approximately 3.57m^2.



Ardex WPM 555 (Shelterbit Phoenix Star) is appraised in BRANZ Certificate No 463 (2005) as an Alternative Solution to E2/AS1.