



BREATHABLE PITCHED ROOF UNDERLAY

Marley Waterproofing's Breathable Pitched Roof Underlay is suitable for use as a fully supported or unsupported underlay in tiled or slated pitched roofs.

It must be installed in accordance to the relevant clauses of BS 5534:2003 - Code of practice for slating and tiling of roofs and BS 8000 Part 6:1990 Workmanship on Building Sites - Code of practice for slating and tiling of roofs and claddings.



Marley Waterproofing's Breathable Pitched Roof Underlay remains flexible and easy to handle even at low temperatures allowing installation to be carried out in all conditions normal for roofing work.

Installation Guidelines:

The Underlay must always be fixed with the GREY side facing outwards. The Underlay is unrolled across the roof in a horizontal direction parallel with and starting at the eaves and working up the roof. Where the Underlay is dressed into the external gutter, It is recommended that a proprietary eaves protection product, such as Marley Waterproofing High Performance Eaves Protection, is used to provide greater protection from the effects of UV exposure (see Detail 1). When installed in a traditional uninsulated and unsupported (open rafter) system, the underlay is fixed by draping over the rafters and securing in place with the tiling battens. (see Detail 2). A drape of between 10 to 15mm is required to guide any penetrating rainwater away from

the rafters to the drainage point. The membrane must not be pulled tight against the underside of the tiling batten.

When installed as a fully supported system, the Underlay is laid over the support and secured using counter battens of at least 12mm thickness fixed through to the support or rafters with appropriate corrosion resistant staples or galvanised clout nails. The battens for tiling are fixed to the counter battens leaving an air space between the Underlay and the tiles for drainage and ventilation (see Detail 3).

Overlaps should be installed to shed water out and down the slope and, depending on support and roof pitch, should be of the minimum dimensions given in the following table:

Note: Marley Waterproofing's Breathable Pitched Roof Underlay is marked with a 150mm lap line which is correct for use on a 15° to 35° unsupported roof system.

The ridge should be closed by overlapping the Underlay a minimum of 150 mm on both sides (see Detail 4).

Hips and valleys should be covered with a separate 600mm wide strip of Underlay (see Detail 5).

Marley Waterproofing's Breathable Pitched Roof Underlay is designed as a secondary barrier to wind driven rain and snow and should not be considered as a primary waterproofing layer. Good roofing practice is to install the primary waterproof covering (eg. tiles, slates) as soon as practically possible. Whilst providing some protection, Marley Waterproofing's Breathable Pitched Roof Underlay should not be considered as a totally weatherproof protection for occupied buildings or when internal fitting out is taking place.

Roof Pitch (°)	Horizontal Lap (mm) Unsupported	Horizontal Lap (mm) Supported	Vertical Lap (mm)
12.5° to 14°	225	150	100
15° to 35°	150	100	100
35°+	100	75	100

