



UNDERTILE FELT

Marley Waterproofing Undertile Felt is designed for use as an underlay beneath tiles or slates in open rafter or closed boarded constructions.

Marley Waterproofing Undertile Felt is used primarily as an extra safeguard against water penetration, to act as a secondary barrier against drifting snow which can get in through the tiles and as an air barrier, thereby adding to the thermal insulation of the roof construction.



Experience has shown that, in open rafter construction, undertile felt can play a major part in preventing wind up-lift of the tiles or slates.

Important – This product is NOT recommended for fully exposed use.

Composition: Marley Waterproofing Undertile Felt consists of a fibre base coated with oxidised bitumen and reinforced with hessian.

Independent Approval: Marley Waterproofing Undertile Felt is manufactured to BS 747: Type 1F and has a proven record of durability.

Performance Benefits:
Conforms to BS 747: Type 1F
Protects and prevents water penetration and snow drift entering the roofing construction
Improves thermal insulation of the roof construction.

Manufacture: Marley Waterproofing undertile felt is produced on the Company's purpose-built plant at Aylesham in Kent under a closely controlled system which conforms to ISO 9001. Each roll has a white identification line down one edge and is wrapped clearly identifying the product name, product code, batch code, roll width and length and the manufacturer's name and address.

Compatibility: Both products are compatible with all materials normally used in roofing structures.

Workability: At 0°C the product may be bent around a 30mm mandrel without rupture. The material will perform satisfactorily in all temperatures normally experienced within the UK.

Performance: All manufacture is subject to systematic testing by our Quality Control.

Storage: Rolls of Undertile felt must be stored on end, on a firm, flat surface, be kept dry and protected from mechanical damage.

Installation: Normal good practice must be followed and be generally in accordance with BS 5534: Part 1: 1990 and BS 8000: Part 6: 1990.

Marley Waterproofing Undertile Felt should allow drainage of any water; which may penetrate the tiles or slates; into the eaves gutter. Vertical laps should not be less than 100mm and each end should be securely fixed over the rafters. The edge distance of the fixings should be a minimum of 50mm. The horizontal laps should not be less than those given in the table below. In open rafter construction the undertile felt should be allowed to sag slightly between the rafters. For fixing, extra large head nails of copper or galvanised steel of 3mm diameter should be used to secure the undertile felt.

Protection: Completed work should be protected from damage by subsequent site work.

Site Quality Control: Regular inspection of the work in progress should be carried out in order to ensure that the work is executed to a good standard and accordance with the specification.

Site Safety:

Provision should be made for adequate scaffolding to ensure safety of the operators, in accordance with the safe working procedures.

Recommended Horizontal Laps for Undertile Felt:

Rafter Pitch in degrees	Open Rafters	Close Boarding
12 1/2 – 14	225mm	150mm
15 – 34	150mm	100mm
35 and above	100mm	75mm