

Multivap

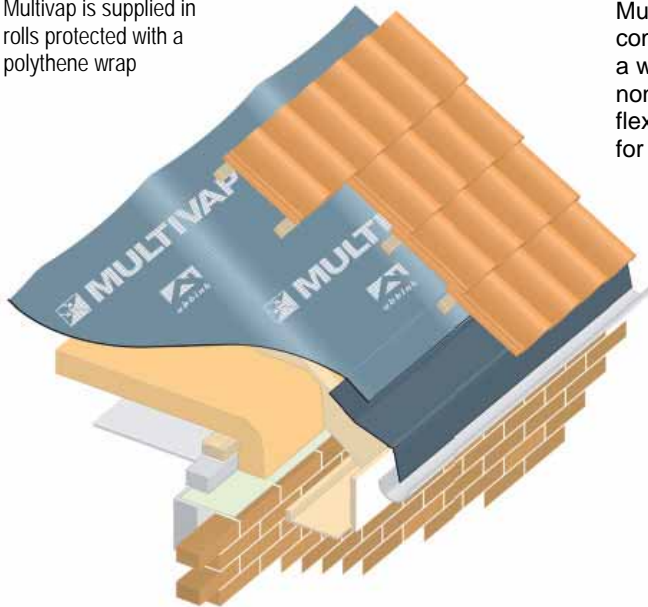
Installation Guidelines



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Multivap is supplied in rolls protected with a polythene wrap



Multivap Breathable Roof Tile Underlay is a composite structure, manufactured via lamination of a water vapour permeable film between two layers of non-woven polypropylene, spun bond to form a flexible, vapour permeable, roof tile or slate underlay for unsupported and fully supported specifications.

Multivap – Breathable roof tile underlay 1m x 45m rolls							
Type	Breathability grams per m ² /24hrs	HOW* m	Thickness mm	Weight g/m ²	Weight per roll kg	Colour*** Upper surface	BBA Certificate Number
250	1960	5.27	0.6	90	4.05	Mid Grey	09/4706
300	1388	3.00	0.5	125	5.63	Mid Grey	03/4064
Multivap – Breathable roof tile underlay 1.5m x 50m rolls							
250	1960	5.27	0.6	90	6.75	Mid Grey	09/4706
300	1388	3.00	0.5	125	9.38	Mid Grey	03/4064
400HD**	1388	5.89	0.6	165	12.38	Light Grey	06/4337
* HOW = Head Of Water **HD = Heavy Duty *** The lower unprinted surface is White.							

General

Multivap Breathable Roof Tile Underlay is designed to be installed by slaters / tilers experienced with this type of product. The product must be installed and fixed in accordance with these instructions, provisions of the BBA Certificate and the relevant recommendations of BS 5534 : 2003 and BS8000-6 : 1990. Installation can be carried out under all conditions normal to roofing work. Multivap has a high coefficient of friction, either wet or dry, giving a slip-resistant surface for increased safety during the installation of the tiles or slates. Multivap is installed with the coloured or printed side uppermost and lapped to shed water out and down the slope.

Delivery and Site Storage

Rolls are delivered to site individually wrapped in polythene. A leaflet bearing the product name is included with each roll and the BBA identification mark including the number of the relevant Certificate is shown on the leaflet. The rolls should be stored flat or on end, on a smooth, clean, dry surface, under cover and protected from sunlight

Overlaps and Hips

Overlaps must be provided with the minimum dimensions given in table below. Hips should be covered with a 600 mm wide strip of the product.

Minimum overlaps			
Roof pitch	Horizontal laps mm		Vertical laps mm
	Not fully supported	Fully supported	
Degrees	mm	mm	mm
12.5 to 14	225	150	100
15 to 34	150	100	100
35+	100	75	100

Fully supported installation

Multivap may be used over sarking boards of softwood, C4 grade chipboard or water-resistant grade plywood or water-resistant grade OSB and either with continuous insulation or insulation placed between the rafters.

The product is secured to the support with counter battens at least 12 mm thick to create an air space between the product and the tiles for drainage and vapour dispersal. The counter battens are fixed with corrosion-resistant staples or galvanized clout nails as appropriate. Tiling battens are secured to the counter battens and rafters with appropriate fixings.

Care must be taken to minimise the risk of interstitial condensation as described in section 6.5 particularly for timber sarking which may be below the dew-point for extended periods during winter months.

Not fully supported installation

When Multivap is installed as an unsupported system, it should be fixed in the traditional method for roof tile underlays, i.e. draped between the rafters

Repairing Damage

Repair Damage to the product can be repaired prior to the installation of slates or tiles by replacement of the damaged areas, by patching and sealing correctly. Care should be taken to ensure that the water tightness of the roof is maintained.

Finishing

Detailing of abutments, verges and hips must be in accordance with the Certificate holder's instructions.

The tiling and slating must be carried out in accordance with the relevant Clauses of BS5534 : 2003, BS8000-6 : 1990, especially when using tightly-jointed slates or tiles.



See table on previous page
for BBA Certificate numbers

A digital copy of the BBA Certificate for Multivap Breathable Roof Underlay is available upon request sales@nbs-home.co.uk

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