

➤ Benefits of Multivap 250, 350 & 500

- BBA and IAB certified for use in both ventilated and non-ventilated, warm and cold roof constructions
- very tough, durable and lightweight
- stable over a wide temperature range
- non-reflective top surface
- waterproof, rotproof and UV stable (as per BBA Certificate)
- suitable for tiling, slating and metal tiling systems in new build, refurbishment and conservation projects
- Easy to handle and fix

➤ Multivap 250

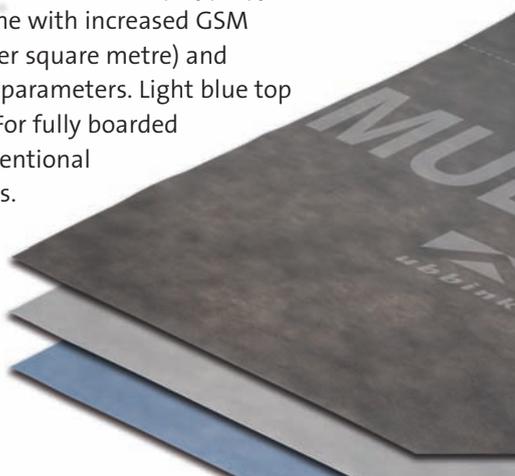
- three layered multi-use polypropylene membrane with high-tech non-woven polypropylene texture. Dark grey top surface. For cold vented, non-vented, warm deck and hybrid roofs. Multivap 250 is air permeable.

➤ Multivap 350

- three layered multi-use polypropylene membrane with high permeability and excellent watertightness. Light grey top surface. For cold vented, non-vented, warm deck and hybrid roofs.

➤ Multivap 500

- three layered multi-use polypropylene membrane with increased GSM (grams per square metre) and strength parameters. Light blue top surface. For fully boarded and conventional roof types.



➤ Performance

Multivap:	250	350	500
Temperature range:	-40°C to +95°C		
Vapour resistance:	0.11MNSgm ⁻¹	0.15MNSgm ⁻¹	0.15MNSgm ⁻¹
Vapour permeability:	1960g/m ² /24hr	1373g/m ² /24hr	1373g/m ² /24hr
Tear strength:			
longitudinal:	>189N/5cm	>258N/5cm	>310N/5cm
transversal:	>134N/5cm	>158N/5cm	>199N/5cm
Resistance at nailing point:	>188N	>187N	>193N
Watertightness: (H ₂ O)	>5270mm	>4240mm	>6000mm

➤ Technical description

Multivap:	250	350	500
Composition:	Spun bonded polypropylene bonded to a permeable film		
Roll sizes/weights:			
1.0m x 45m:	4.0kg	5.2kg	6.3kg
1.5m x 50m:	6.7kg	8.6kg	10.5kg
Thickness:	0.6mm	0.5mm	0.7mm
Surface mass density:	90g/m ²	115g/m ²	140g/m ²
Surface colour:	Dark Grey	Light Grey	Light Blue

➤ Overlap guidance

Roof pitch	Horizontal lap		Vertical lap
	Unsupported	Supported	
12.5° - 14°	225mm	150mm	100mm
15° - 34°	150mm	100mm	100mm
> 34°	100mm	75mm	100mm

Note: installation should be as BBA Certificate 09/4706. A Multivap membrane is not the primary roof covering.



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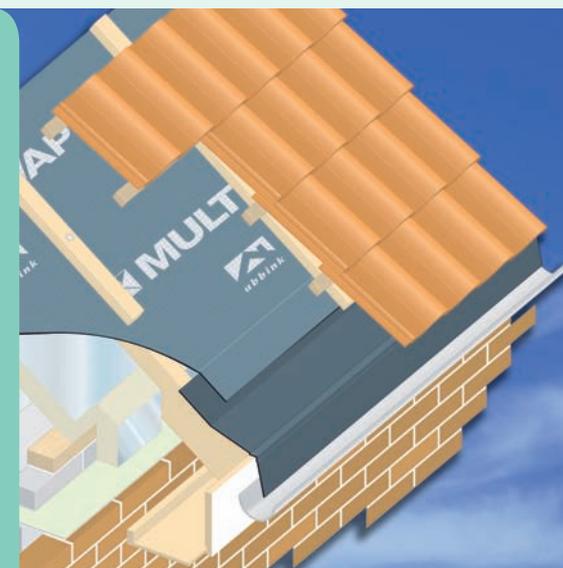
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MULTIVAP



➤ Low vapour resistance (LR) underlay

iab
Bord Agrément na hÉireann
Irish Agrément Board



➤ Multivap LR underlay

Multivap is a spun-bonded membrane, suitable for all types of pitched roof coverings.

It provides secondary protection against wind-driven rain and snow and reduces the likelihood of harmful condensation by allowing any water vapour arising from the occupied space below to diffuse safely to atmosphere.

Multivap LR underlay is constructed with a layer of spun-bonded polypropylene on both sides of a permeable film, providing a membrane which is not only extremely strong and durable, but also combines excellent waterproofing with a high vapour transmission value.

Multivap can be used as an unsupported underlay in a traditional unsealed or sealed cold roof system with or without counterbattens. As Multivap does not tent it is ideal for use fully supported by insulation boards in warm roof constructions or over sarking board in a traditional vented cold roof construction. Examples of these types of constructions are shown opposite.

Multivap has been designed to meet today's requirements for robust, energy efficient traditional roofs.

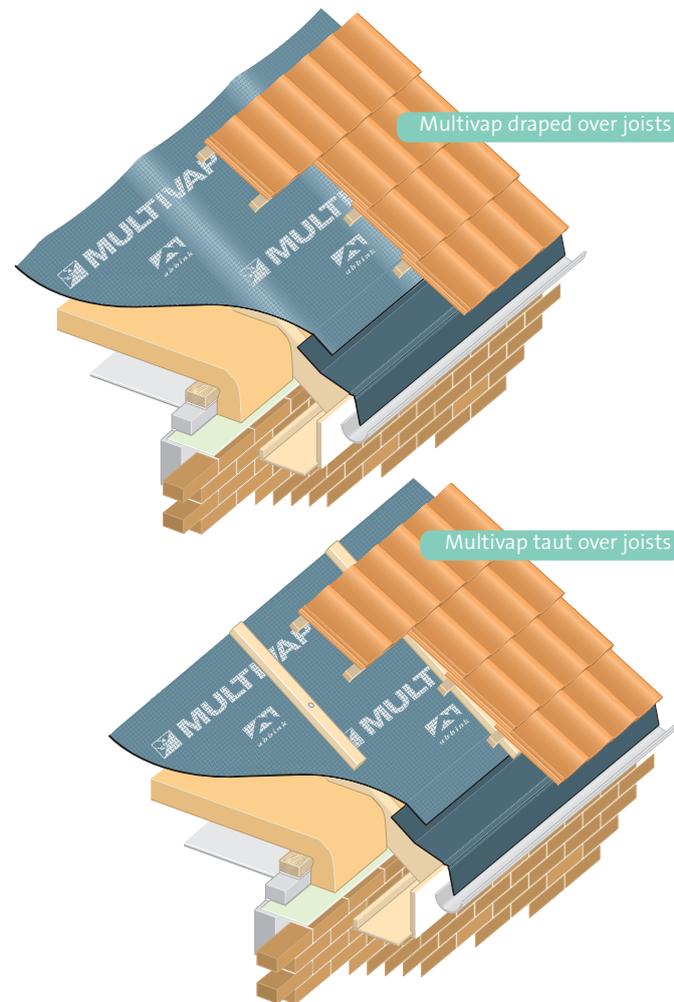


➤ Draped underlay constructions

Multivap may be draped across the rafters to allow drainage beneath the tiling battens of any water which penetrates the tiling or slating.

In a sealed, non-ventilated cold roof construction system the Multivap membrane allows water vapour to escape whilst reducing air infiltration into the loft. In this form of construction, Multivap should be laid taut and secured with counterbattens.

All laps should be sealed with Ubbink High Tack sealant.



➤ Fully supported underlay constructions

In conventional sarking applications, slates will be nailed through Multivap. Alternatively, counterbattens and tiling battens could be provided: this reduces the number of perforations of the underlay and creates a deeper air space to assist in the dispersal of water vapour. In sealed, non-ventilated warm roof constructions, all laps and junctions with adjoining elements should be sealed with Ubbink High Tack sealant.

Multivap should be secured with counterbattens to allow drainage beneath the tile battens for any water which penetrates the tiling or slating.

