

# VP300

## TYPE LR ROOFING UNDERLAY

**P**rotect VP300 is a medium weight vapour permeable roof underlay with a vapour resistance better than that required by BS 5250 and a strength greater than many other underlays in its class.

It is suitable for all pitched roofs particularly fully supported applications. Protect VP300 is both CE marked and BM TRADA certified and provides an economic solution when the highest specification of roof underlay such as VP400 Plus<sup>LR</sup> is not required.

Protect VP300 can provide a secondary line of defence against wind driven rain and snow, the reduction in wind uplift loads on the roof covering and is also able to be used as a temporary roof covering before the slates or tiles are applied.



### BENEFITS

- Vapour permeable with a performance better than required in BS 5250.
- Completely watertight providing at least 2.0m in water resistance.
- Good all round performance for its weight and one of the best in its class.
- UV and heat resistant.
- Tough and durable.
- Can be used as a temporary roof covering.
- BMTRADA Independently certified.
- Helps to avoid condensation risk.





## PRODUCT DESCRIPTION

### Size

Roll width: 1.0 or 1.5m

Roll length: 50m

Roll total area: 50 or 75m<sup>2</sup>

Roll weight: 6.55 or 9.83kg

### Appearance

Embossed grey upper and white lower surface.

Printed with product branding for ease of identification.

### Compatibility

As with all vapour-permeable underlays, do not lay in direct contact with undried timber preservatives (whether water or solvent based). Protect OFV Eaves Skirt should be used at all gutter details.

### Specification clause

Roofing underlay to be Protect VP300 supplied by Protect Membranes Ltd, 2 Brooklands Road, Sale, Cheshire M33 3SS. Telephone: 0161 905 5700, Fax: 0161 905 2085. Email: [info@protectmembranes.com](mailto:info@protectmembranes.com). Underlay to be of triple ply construction, 125gsm with waterproof and vapour permeable core laminated and protected between two layers of non-woven spun-bonded polypropylene, to achieve a hydrostatic head resistance of >2.0m. Water vapour transmission resistance: 0.17MNs/g. Underlay to be laid in accordance with BS 5534 and manufacturer's instructions.

## PERFORMANCE

	MD	CD
Nail tear strength (N) to EN 12310-1 with mods	140	198
Unaged tensile strength (N/50mm) to EN 12311 with mods	225	160
Aged tensile strength (N/50mm) to EN 12311 with mods	190	130
Weight	125gsm	
Flexibility at low temperature	-40°C	
Water vapour resistance to EN ISO 12572	0.17 MNs/g	
Watertightness	Pass	Class W1>2.0m hydrostatic head resistance

MD = machine direction (along roll), CD = cross direction (across roll).  
UV and heat ageing conditions: UVA lamps at 50°C for 336 hours followed by heat ageing at 70°C for 90 days.

Stockist's stamp

## PROTECT MEMBRANES LIMITED

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Protect Membranes Limited maintains a policy of continuous development and reserves the right to amend product specifications without notice.



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