

VP300

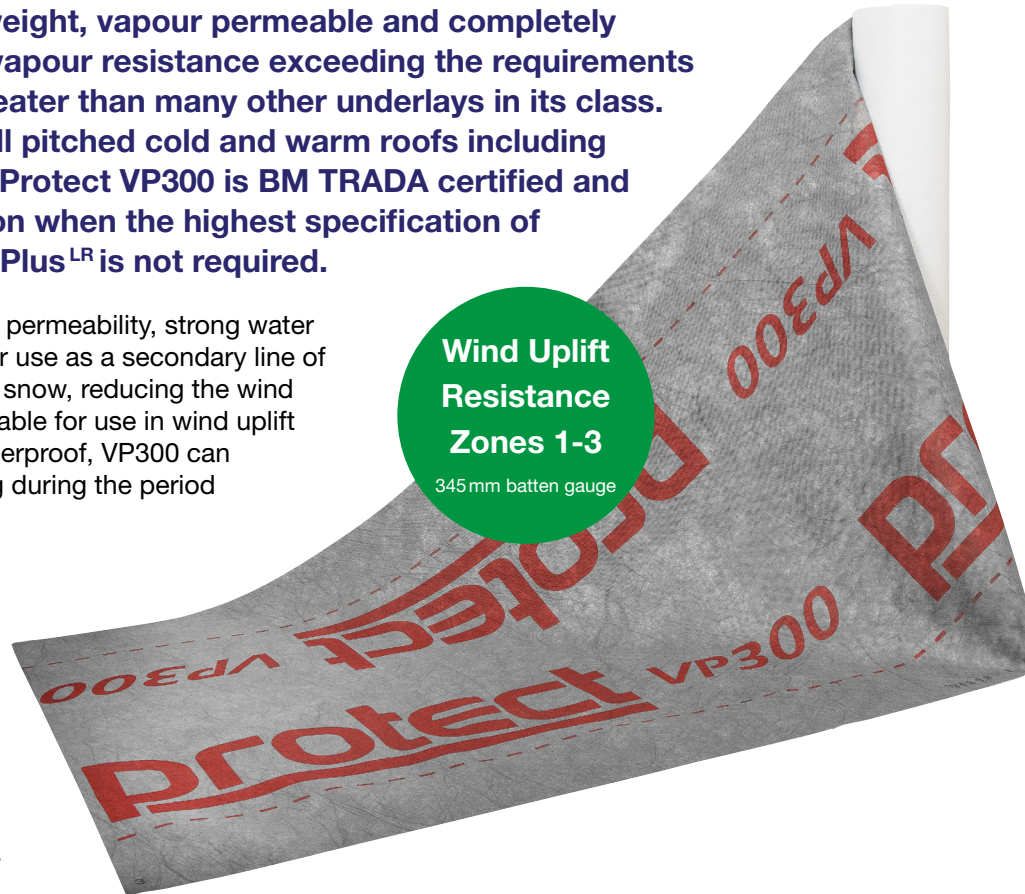
TYPE LR ROOFING UNDERLAY

Protect VP300 is a medium weight, vapour permeable and completely airtight roof underlay with a vapour resistance exceeding the requirements of BS 5250 and a strength greater than many other underlays in its class. It is suitable for use across all pitched cold and warm roofs including fully supported applications. Protect VP300 is BM TRADA certified and provides an economic solution when the highest specification of roof underlay such as VP400 Plus^{LR} is not required.

Protect VP300 provides good vapour permeability, strong water resistance and is the ideal solution for use as a secondary line of defence against wind driven rain and snow, reducing the wind uplift loads on the roof covering. Suitable for use in wind uplift zones 1-3 to BS 5534, and being waterproof, VP300 can be used as a temporary roof covering during the period the slates or tiles are applied.*

A cold roof solution

Used in conjunction with either Protect Fulmetal UniRoll or RediRoll, two unique dry fix universal ventilated ridge and hip systems, VP300 provides an ideal cold roof solution, to ensure both condensation control and water penetration resistance within the roof space, as the second line of defence.



BENEFITS

- Vapour permeable with a performance that exceeds the requirements of BS 5250.
- Water and airtight with >2.0m head of water resistance.
- High performance, medium weight membrane, one of the best in its class.
- UV and heat resistant.
- Tough and durable.
- Suitable for wind zones 1-3 at 345mm batten gauge to cover a large area of England, Wales, Northern Ireland and Republic of Ireland, in accordance with BS 5534.
- Can be used as a temporary roof covering.*
- Helps to avoid condensation risk in the roof space in accordance with BS 5250 and NHBC requirements.
- Produced in the UK.
- BM TRADA independently certified.
- UKCA and CE marked.



* For clarification on exposure times please contact Glidevale Protect's Technical team.

VP300

TYPE LR ROOFING UNDERLAY

Dimensions

Roll size: 1.0 m x 50 m (50 m²).
1.5 m x 50 m (75 m²).
Roll weight: 6.5 kg (1.0 m).
9.75 kg (1.5 m).

Appearance

Embossed grey upper and grey/white lower surface.
Printed with product branding and batch number for 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.

Roof ventilation

In dwelling sized roofs, BS 5250 recommends the combined use of a vapour permeable underlay and high-level ventilation to combat the risk of harmful roof space condensation in cold pitched roofs. For further information on roof ventilation requirements please contact Glidevale Protect's Technical team.

Protect VP300 can be used in zones 1-3 at the maximum batten gauge of 345 mm, to BS 5534. No adhesive tapes are required to restrain the overlaps.

For more information visit
glidevaleprotect.com/vp300

PERFORMANCE		
	MD	CD
Nail tear strength (N) to EN 12310-1 with mods	127	149
Unaged tensile strength (N/50mm) to EN 12311-1 with mods	295	165
Aged tensile strength (N/50mm) to EN 12311-1 with mods	300	180
Water vapour resistance to BS EN ISO 12572	0.11 MNs/g / 0.022 Sd	
Flexibility at low temperature	-40°C	
Weight (g/m ²)	130	
Watertightness (>2.0m hydrostatic head resistance)	Pass - Class W1	
Wind uplift resistance - zones 1-3 at 345 mm batten gauge and 600 mm rafter centres		

MD = Machine Direction (along roll). CD = Cross Direction (across roll).
UV and heat aging conditions: UVA lamps at 50°C for 336 hours followed by heat ageing at 70°C for 90 days.

Specification clause:

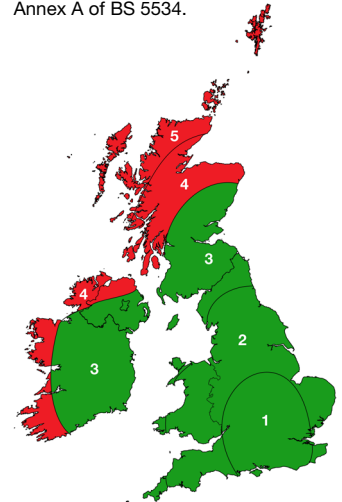
Roofing underlay to be Protect VP300 supplied by Glidevale Protect, 2 Brooklands Road, Sale, Cheshire, M33 3SS.
T: +44 (0)161 905 5700
F: +44 (0)161 905 2085
E: info@glidevaleprotect.com

Underlay to be of triple ply construction, 130gsm with waterproof and vapour permeable core laminated and protected between two layers of non-woven spun-bond polypropylene, to achieve a hydrostatic head of water resistance of >2.0m.
Water vapour transmission resistance: 0.11 MNs/g / 0.022 Sd to BS EN ISO 12572. Resistance to wind uplift: zones 1-3 (at 345 mm batten gauge). Underlay to be laid in accordance with BS 5534 and manufacturer's instructions.

Wind Uplift Resistance Map

345 mm batten gauge

Meets zones 1-3 at 345 mm batten gauge (resistance to wind pressure 1179 Pa), when tested to Annex A of BS 5534.



Related products

Protect Fulmetal UniRoll: glidevaleprotect.com/uniroll

Protect OFV Eaves Skirt: glidevaleprotect.com/eavesskirt



Glidevale Protect, 2 Brooklands Road, Sale, Cheshire, M33 3SS

T: +44 (0)161 905 5700 F: +44 (0)161 905 2085

info@glidevaleprotect.com

[Glidevale Protect](#)

glidevaleprotect.com

glidevale
protect

building
product design

Glidevale Protect maintains a policy of continuous development and reserves the right to amend product specifications without notice. The company is a division of Building Product Design Ltd. Company registration 3944123. Printed on sustainably sourced paper.

CI/SfB (47)
Uniclass Pr_25_57_10_68

STA | STRUCTURAL
TIMBER
ASSOCIATION
Member

mpba
modular & portable
building association

ITFMA
IRISH TIMBER FRAME MANUFACTURERS' ASSOCIATION

OFFSITE ALLIANCE
Delivering change for the industry

STAV
ASSUREGOLD

