

VP300

TYPE LR ROOFING UNDERLAY

Protect 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 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 can provide a secondary line of defence against wind driven rain and snow, reducing the 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. ♦

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



BENEFITS

- Vapour permeable with a performance better than required in BS 5250.
- Completely water and airtight with >2.0m head of 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 in accordance with BS 5250 and NHBC requirements.



**Wind Uplift
Resistance
Zones 1-3
(345mm batten
gauge)**



PRODUCT DESCRIPTION

Size

Roll width: 1.0 or 1.5m
 Roll length: 50m
 Roll total area: 50 or 75m²
 Roll weight: 6.55 or 9.83kg

Appearance

Embossed grey upper and grey/white lower surface.

Printed with product branding for ease of identification.

Compatibility

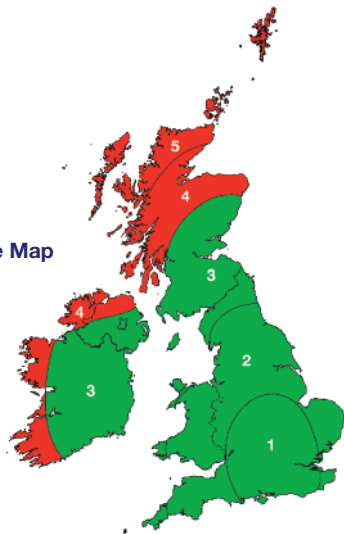
As with all vapour permeable underlays, do not lay in direct contact with undried timber preservatives (whether water or solvent based). Protect OFV Eaves Skirt should be used at all gutter details.

For more information visit
www.protectmembranes.com/vp300

Specification clause

Roofing underlay to be Protect VP300 supplied by Glidevale Protect, 2 Brooklands Road, Sale, Cheshire M33 3SS. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. Email: info@glidevaleprotect.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-bond polypropylene, to achieve a hydrostatic head of water resistance of >2.0m. Water vapour transmission resistance: 0.17 MNs/g / 0.034 S_d to BS EN ISO 12572. Resistance to wind uplift: Zones 1-3 (at 345mm batten gauge). Underlay to be laid in accordance with BS 5534 and manufacturer's instructions.

Wind Uplift Resistance Map (345mm batten gauge)



Meets Zones 1-3 at 345mm batten gauge (resistance to wind pressure 1198 Pa).

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 / 0.034 S _d | |
| Watertightness | Pass | Class W1 >2.0m hydrostatic head resistance |
| Wind uplift resistance - Zones 1-3 at 345mm batten gauge and 600mm rafter centres | | |
| 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. | | |

Related products

Protect Fulmetal RediRoll: www.protectmembranes.com/rediroll
 Protect OFV Eaves Skirt: www.protectmembranes.com/eavesskirt

Stockist's stamp

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



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