

# ZYTEC™

## TYPE LR ROOFING UNDERLAY

**P**rotect Zytec is a high performance type LR roof underlay for use in warm and cold roof constructions. Its low vapour resistance helps to avoid the risk of harmful condensation whilst at the same time remaining completely airtight. Protect Zytec is both CE marked and BM TRADA certified. Where the highest performance of Protect VP400 Plus LR is not required but a heavier underlay than Protect VP300 is needed, Protect Zytec meets the requirement by still providing a performance greater than many other underlays in its class.

Protect Zytec provides a secondary line of defence against wind driven rain and snow and resistance to wind uplift. Being entirely waterproof yet highly vapour permeable it can be used as a temporary roof covering during the period the roof covering is applied. ♦

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



### BENEFITS

- Highly vapour permeable with a performance better than required in BS 5250.
- Completely water and airtight with >2.0m water resistance.
- UV and heat resistant.
- Does not generate nuisance noise under wind loading.
- BMTRADA independently certified.
- Helps to avoid condensation risk within the roofspace in accordance with BS 5250 and NHBC requirements.
- Easy to cut and handle.
- Can be used as a temporary roof covering. ♦



**Wind Uplift  
Resistance  
Zones 1-4  
(345mm batten  
gauge)**

## PRODUCT DESCRIPTION

### Size

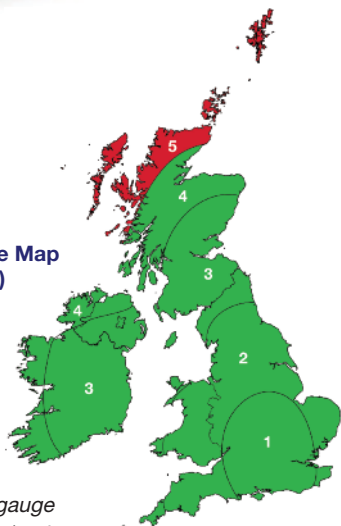
Roll width: 1.0m or 1.5m, length: 50m

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

Roll weight: 8.2 or 12.30kg



**Wind Uplift Resistance Map  
(345mm batten gauge)**



Meets Zones 1-4 at 345mm batten gauge (resistance to wind pressure 1519 Pa), when tested to Annex A of BS 5534.

### 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.

### 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 roofspace condensation in cold pitched roofs. Zytec can be used in Zones 1 to 4 at the maximum batten gauge of 345mm, to BS 5534. No adhesive tapes are required to restrain the overlaps.

For more information visit [www.protectmembranes.com/zytec](http://www.protectmembranes.com/zytec)

### Specification clause

Roofing underlay to be Protect Zytec 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](mailto:info@glidevaleprotect.com). Underlay to be of triple ply construction, 158gsm with waterproof and vapour permeable core laminated and protected between two layers of non-woven spunbond polypropylene, to achieve >2.0m head of water resistance. Water vapour transmission resistance: 0.15 MNs/g / 0.03 S<sub>d</sub> to BS EN ISO 12572. Resistance to wind uplift: Zones 1-4 (at 345mm batten gauge). No adhesive tapes are required to restrain the overlaps. 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	270	216
Unaged tensile strength (N/50mm) to EN 12311 with mods	273	230
Aged tensile strength (N/50mm) to EN 12311 with mods	220	198
Weight	158gsm	
Flexibility at low temperature	-40°C	
Water vapour resistance to EN ISO 12572	0.15 MNs/g / 0.03 S <sub>d</sub>	
Watertightness	Pass Class W1 >2.0m hydrostatic head resistance	
Wind uplift resistance - Zones 1-4 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](http://www.protectmembranes.com/rediroll)  
Protect OFV Eaves Skirt: [www.protectmembranes.com/eavesskirt](http://www.protectmembranes.com/eavesskirt)

### Stockist's stamp

### GLIDEVALE PROTECT

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

### BPD

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