

Technical Information

Roofshield® is a very low resistance vapour and air permeable roofing underlay. It is strong, durable & flexible allowing for easy installation, and offers temporary protection against wind driven rain, snow & dust. Roofshield® conforms to the Construction Products Regulation (EU Regulation No. 305/2011), Underlay for discontinuous roofing (Annex ZA of EN 13859-1) and is manufactured under control of an ISO 9001 quality management system.

| TEST | METHOD | Roofshield® | | | | | | |
|--|--------------|--|-----------|-------|-----------|-----------|-------|-------|
| Product Code | | RFS 185 | | | | | | |
| Mass Per Unit Area (g/m ²) | EN 1849-2 | 185 (+/- 10) | | | | | | |
| Reaction to Fire | EN 11925-2 | Class E | | | | | | |
| Water Vapour Resistance (Sd) | EN ISO 12572 | 0.011 m (+/- 0.005) | | | | | | |
| Water Penetration | EN 1928 | Before ageing | Class W1 | | | | | |
| | | After ageing | Class W1 | | | | | |
| Tensile Strength (N/5cm) | EN 12311-1 | Before ageing | MD | 390 | (-80) | CD | 230 | (-60) |
| | | After ageing | MD | 330 | (-80) | CD | 190 | (-60) |
| Elongation (%) | EN 12311-1 | Before ageing | MD | 55 | (-20) | CD | 75 | (-20) |
| | | After ageing | MD | 40 | (-20) | CD | 60 | (-20) |
| Tear Resistance (N) | EN 12310-1 | MD | 230 | (-50) | CD | 275 | (-50) | |
| Flexibility at low temperature | EN 1109 | No cracking at minus 60°C | | | | | | |
| Air Permeability (50 Pa) | EN 12114 | ≥34.4 m ³ /m ² /hr | | | | | | |

Conditions applicable to the end use of the product

Rolls should be stored flat or on a clean, level surface and kept under cover. Once the underlay is applied to the roof, the primary roof covering should be installed within one month.

Method of Installation

The membrane should be installed as detailed in National Building regulations and relevant agreement certification for this product – see certification logos/numbers below. Any guidelines concerning installation that are supplied with the product should be consulted prior to laying. For general information – the membrane should be unrolled across the roof colour side up and draped a minimum of 150mm onto the proprietary eaves carrier. The membrane should be fixed to the rafters or boarded sarking, subsequent rows should be lapped by 150mm to shed water out and down the slope. Adjacent rolls should be lapped by 100mm.



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