

Permavent Dry Roof Breathable Membrane



Permavent Dry Roof Breathable Membrane is designed to accommodate the increasing demand of modern construction which can lead to conventional breather membranes being overloaded at certain times of the day. The Dry Roof super absorbent fleece is designed to cope with the tidal movement of condensation through the home at different times of the day. Dry Roof can store high level of condensation at peak times and slowly release it through the day.

Permavent use the very latest technology from the medical industry to encapsulate the highest grade hydrophobic film inside the very highest quality spunbond polypropylene layers. Permavent Dry Roof is specially designed to be extremely tough a durable and will maintain its integrity for the duration of the life of the roof. Permavent Dry Roof is also fully certified under the CE having been tested and certified by independent European laboratories and is only manufactured under the strictest ISO requirements.

Permavent Membranes are certified for use in all types of roofing and walling applications and conform fully with BS 5250: 2011 Code of practice for control of condensation in buildings.
BS 5534: 2003 +A1 2010 Code of practice for slating and Tiling.
BS 8000-6: 1990 Workmanship on building sites.
BS EN 1991-1-4; 2005 +A1: 2010 +UK NA.
BS EN 13859: Flexible sheets for Underlays.
BS EN 13501-1 2007.

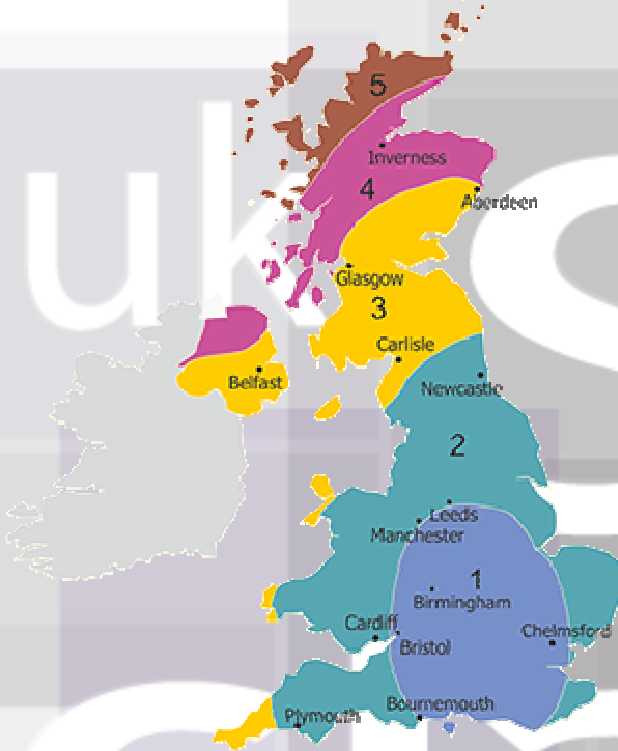
Physical properties

Weight, g/m ²	230
Water tightness, class	w1
Water vapour transmission (sd),m	0.02
Maximum tensile force (MD), N/50mm	670
Maximum tensile force (CD), N/50mm	520
Elongation at max. tensile force (MD), %	80
Elongation at max. tensile force (CD), %	110
Resistance to tearing MD (nail shank), N	150
Resistance to tearing CD (nail shank), N	150
Roll size:	1m x 50m (11.6kg) 12 per pallet

Permavent Dry Roof Breathable Membrane

www.slate.uk.com

Requirements of BS 5534 annex A for wind uplift



Geographical wind zone	Design wind pressure, P_u , for underlay (N/m^2)
Well sealed ceiling (e.g. standard domestic application)	Minimum requirement
5	1600
4	1330
3	1150
2	975
1	820
Not sealed or non-ceiling (e.g. garage or warehouse)	1900
Not sealed or non-ceiling in addition to permanent structural opening (e.g. car port or open store)	2350

NOTE:

Zone suitability applies only for underlays in applications where a well-sealed ceiling is present, ridge height is not greater than 15m, roof pitch is between 12.5° and 75° , site altitude is not greater than 100m and no significant site topography is present. Other applications might require underlays with greater wind uplift resistance and it is advisable to seek professional advice.

Permanent apex wind uplift results

Batten gauge	Declared Wind Uplift Resistance, PD (N/m^2)	Zone Suitability
345 mm (maximum gauge, large format tiles)	Taped lap: 2748	1 to 5 (All applications)
	Batten restrained lap: 1267	1 to 3 (Domestic applications)
250mm (600mm slates)	Taped lap: >2500	1 to 5 (All applications)
	Batten restrained lap: >2497	1 to 5 (All applications)

Supply:

Extensive stocks are held at our distribution centres.

Nationwide and International delivery can be arranged for immediate despatch.

Unit 15 & 16, Airfield Approach Business Park
Flookburgh
Grange over Sands
Cumbria
LA11 7NG
England

Telephone: 015395 59289
Fax: 015395 58078
e-mail: Sales@slate.uk.com
Website: www.slate.uk.com