

Proctor Air®

DESCRIPTION

Proctor Air is an air and vapour permeable, highly water resistant roofing underlay. Its characteristics allow even very complex pitched roofs to breathe, without the need for air gaps or secondary venting.

The high performance meltblown core at the heart of Proctor Air allows natural air movement to 'supercharge' the passage of moisture vapour from the roofspace, making the formation of condensation in the roofspace virtually impossible.

KEY FEATURES

VAPOUR PERMEABLE

Proctor Air has an Sd-value of 0.02m and a vapour resistance of 0.1 MNs/g making Proctor Air one of the highest performing vapour-permeable membranes on the market.

FULLY AIR PERMEABLE

Air permeable membranes allow air movement through the roof, as well as allowing moisture to escape by diffusion. This means that condensation is far less likely to form on the membrane itself, and also allows the membrane to deal with much higher moisture levels within the building, for example during the drying out period.

HIGHLY WATER RESISTANT

Proctor Air is rated W1 under EN13859-1, and has a hydrophobic additive in all 3 layers. The membrane can be left exposed to provide temporary weather protection to the building envelope for up to three months (please refer to the FAQs in the Proctor Air brochure, page 14-15). Proctor Air has a Hydrostatic Head of water of over 1m as recommended by NFRC Technical Bulletin 6. It is good practice not to leave the underlay exposed longer than necessary.

WIND UPLIFT RESISTANCE COMPLIES WITH BS5534

Based on fully independent 3rd party testing, Proctor Air can be utilised across the UK. This, in addition to no requirement for high level ventilation or the use of a vapour control layer, ensures Proctor Air remains the simplest and most cost effective method of achieving regulation compliance.

MORE UNIFORM AIRFLOW THAN VENTS

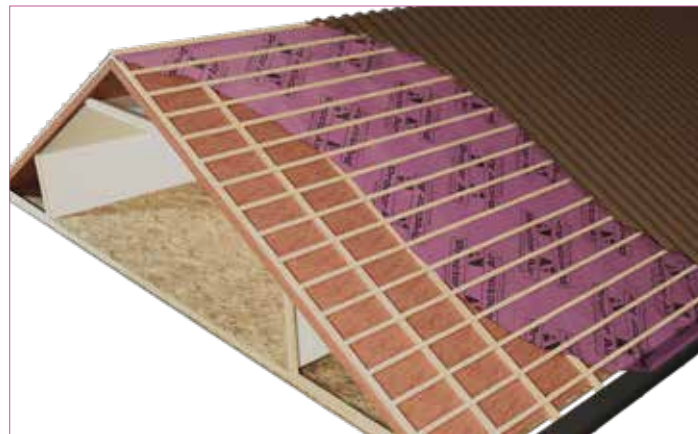
The air permeability of Proctor Air means a non-ventilated roof fitted with Proctor Air allows a more consistent air flow through the roof than a roof ventilated as per BS5250, without expensive and time consuming ventilation hardware fitted to the roof.

NO VCL REQUIRED

Installing Proctor Air means that a vapour control layer is not required for non-ventilated cold pitched roof constructions.

15 YEAR WARRANTY

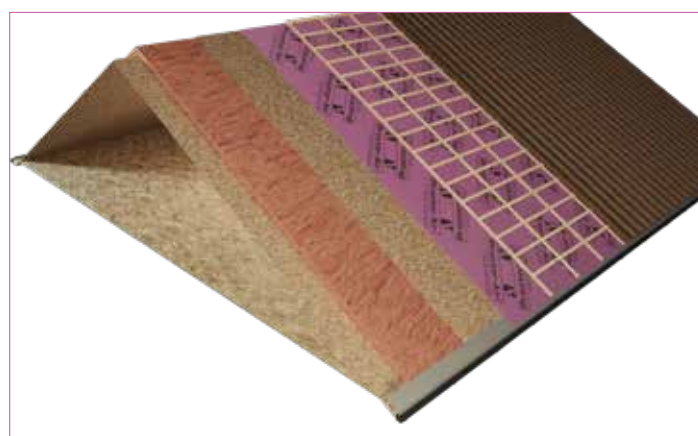
Proctor Air's 15-year warranty provides peace of mind on any project.



Warm Roof Construction



Cold Roof Construction



SIPS Warm Roof Construction



Proctor Air® Warranty

Specify Responsibly



PHYSICAL PROPERTIES & PERFORMANCE

Property	Test Method	Mean Results	
Standard Roll Size		1m x 50m & 1.5m x 50m	
Mass per unit area	EN 1849-2	170g/m ²	
Reaction to Fire	EN 13501-1 (EN 11925-2)	Class F	
Water vapour resistance Sd	EN 12572	0.02m	
Vapour resistance	EN 12572	0.1 MNs/g	
Air permeability (Average)	EN 12114	35 m ³ /m ² .h.50Pa	
Water penetration	EN 1928	Class W1	
Hydrostatic Head of Water	ISO 811	101.6cm	
Tensile Strength (before ageing)	EN 12311-1	MD 420N	CD 336N
Elongation (before ageing)	EN 12311-1	MD 95%	CD 94%
Tear resistance	EN 12310-1	MD 188N	CD 172N

WIND UPLIFT RESISTANCE

Batten Gauge	Declared wind uplift resistance Pa (N/m ²)	Accessories	Zone Suitability
≤345mm	1559.4	NONE	1 - 4
	3036.7	WRAPTITETAPE	1-5
≤250mm	>3000	NONE	1 - 5

NO TAPE REQUIRED IN ZONES 1-4



Download a brochure from
our website...

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