

TF200 EXTREME

BREATHER MEMBRANE FOR EXTERNAL WALLS

Protect TF200 Extreme is a high performance, waterproof, breather membrane designed for use externally on timber frame walls, Structural Insulated Panels (SIPs), Cross Laminated Timber (CLT) panels and steel frame construction on buildings sited in very severe, exposed locations. The product is aligned to STA Advice Note 18, where it is recommended that membranes with Class W1 water penetration resistance are used for these harsh environments.

Protect TF200 Extreme has been developed from the tried and tested TF200 range and additionally utilises microporous film technology. Protect TF200 Extreme is CE and UKCA marked with full, independent third party certification by BM TRADA, meeting the requirements of BS EN 13859-2, TRADA and NHBC.

Produced in the UK of triple ply construction, Protect TF200 Extreme is installed on the cold side of the insulated panel to minimise the risk of interstitial condensation and to allow water vapour to escape into the vented cavity. Offering a temporary, first line of protection to the whole of the external wall including joints, sole plate and intermediate floor zones during the construction process, Protect TF200 Extreme also provides a secondary line of defence against rainwater penetration during the life of the building after the external masonry is built.

**Class W1
resistance
to water
penetration**



BENEFITS

- Aligned with STA Advice Note 18 achieving Class W1 water resistance to BS EN 1928.
- Resists the passage of water, wind blown snow and dust into the interior of the building.
- Helps to avoid condensation risk within the wall construction, complying with BS 5250 and NHBC requirements.
- Suitable for very severe, exposed locations.
- UV and heat resistant.
- Easy to cut and handle.
- BM TRADA independently certified.
- Good nail tear and tensile strength.
- Can be used with different construction substrates including structural timber and steel.
- Exceeds the permeability requirements recommended by TRADA and NHBC.



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Description

Protect TF200 Extreme is a flexible, multi-layer laminated breather membrane comprising two non-woven polypropylene (PP) spunbond layers with a microporous film.

Dimensions

Roll size: 3.0m x 100m.

Roll weight: 32 kg.

Appearance

Embossed upper and lower surface.

Available in anthracite only.

Compatibility

As with all nonwoven spunbond materials, do not lay in direct contact with undried timber preservatives (whether water or solvent based).

For more information visit

www.glidevaleprotect.com/tf200extreme

Specification clause:

Breather membrane for external walls to be Protect TF200 Extreme supplied by Glidevale Protect, 2 Brooklands Road, Sale, Cheshire, M33 3SS.

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Breather membrane to be of three ply construction to include a microporous film between two layers of spunbond, with an anthracite upper surface that is micro-perforated and a white/grey undersurface and with a weight of 100g/m².

Product to achieve the following characteristics: Class W1 resistance to water penetration in alignment with STA Advice Note 18. Vapour resistance 0.10MNs/g / 0.019Sd(m) to BS EN ISO 12572. Breather membrane to be fitted into wall on the cold side of the insulation in accordance with TRADA recommendations and manufacturer's instructions.

PERFORMANCE		
	MD	CD
Nail tear strength (N) to EN 12310-1 with mods	104	140
Tensile strength (N/50mm) to EN 12311-1 with mods	210	190
Water vapour resistance to BS EN ISO 12572	0.10(MNs/g) & 0.019Sd(m)	
Flexibility at low temperature	-40°C	
Weight (g/m ²)	100	
Resistance to water penetration to BS EN 1928 with mods	Pass - Class W1	

MD = Machine Direction (along roll). CD = Cross Direction (across roll).



Related products

Protect Thermo Extreme: www.glidevaleprotect.com/thermoextreme

Protect TF200 Thermo: www.glidevaleprotect.com/tf200thermo

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protect

building
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