

TF200 EXTREME

BREATHER MEMBRANE FOR STRUCTURAL TIMBER 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 marked and independently BM TRADA certified, 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.

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.
- UV and heat resistant.
- Easy to cut and handle with good nail tear resistance.
- Exceeds the permeability requirements recommended by TRADA and NHBC.





PRODUCT DESCRIPTION

Sizes

Roll size: 3.0m x 100m.

Roll weight: 32kg.

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).

Specification clause:

Timber frame breather membrane to be Protect TF200 Extreme supplied by Protect Membranes, 2 Brooklands Road, Sale, Cheshire, M33 3SS. Tel: 0161 905 5700 Fax: 0161 905 2085. E-mail: info@protectmembranes.com 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 under surface 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 0.10 MNs/g / 0.019 S_d(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.

For more information visit

www.protectmembranes.com/tf200extreme

PERFORMANCE

	MD (along roll)	CD (across roll)
Nail tear strength (N) to EN 12310-1 with mods	104	140
Tensile strength (N/50mm) to EN 12311-1 with mods	210	190
Weight (g/m ²)	100	
Flexibility at low temperature	-40°C	
Water vapour resistance to BS EN ISO 12572	0.10 (MNs/g) & 0.019 S _d (m)	
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 sealing tapes: www.protectmembranes.com/protecttapes

Protect Thermo Extreme: www.protectmembranes.com/thermoextreme



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



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