

TF200[®] BREATHER MEMBRANE FOR TIMBER FRAME WALLS

Protect TF200 is a high performance, water resistant membrane with high wet strength and water vapour permeability. Protect TF200 is both CE marked and BM TRADA certified and is used as an external breather membrane in timber framed panel construction.

Protect TF200 provides a primary line of protection to the whole of the external wall including joints, sole plate and intermediate floor zones during the construction process and a second line of protection against rainwater penetration during the life of the building after the external masonry is built. The membrane is positioned on the cold side of the insulated panel to minimise the risk of condensation within the structure and to allow water vapour to escape into the vented cavity.



BENEFITS

- Resists the passage of water, wind blown snow and dust into the interior of the building.
- UV and heat resistant.
- BM TRADA independently certified.
- Helps to avoid condensation risk within the wall construction complying with BS 5250 and NHBC requirements.
- Easy to cut and handle.
- Four times more permeable than recommended by TRADA and STA for wall membranes.
- Good nail tear and tensile strength.

PRODUCT DESCRIPTION

Sizes

Roll widths: 0.54m, 1.35m, 2.7m and 3.0m.
 Roll length: 100m.
 Roll total areas: 54, 135, 270 and 300m².
 Roll weights: 5.4, 14, 28 and 32kg.

Appearance

Embossed upper and lower surface.
 Colours: anthracite, blue, red, green.
 Colours available in selective sizes.
 Please check availability prior to ordering.
 Bespoke printing available.

Compatibility

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

Specification clause

Vapour permeable membrane to be Protect TF200 high performance spunbonded polypropylene supplied by Protect Membranes, 2 Brooklands Road, Sale, Cheshire, M33 3SS. Tel: 0161 905 5700. Fax: 0161 905 2085. Email: info@protectmembranes.com Membrane to be of anthracite/blue/red/green* nonwoven spunbond construction 100g/m² weight having the following characteristics: Water resistance W2, vapour resistance 0.01MNs/g. Membrane to be laid in accordance with TRADA, NHBC and manufacturer's instructions.
 *delete as applicable

For more information visit

www.protectmembranes.com/tf200

PERFORMANCE

	MD (along roll)	CD (across roll)	
Nail tear strength (N) to EN 12310-1 with mods	134	164	
Unaged tensile strength (N/50mm) to EN 12311-1 with mods	250	192	
Aged tensile strength (N/50mm) to EN 12311-1 with mods	111	150	
Weight (g/m ²)	100		
Flexibility at low temperature	-40°C		
Water vapour resistance (MNs/g) to BS EN ISO 12572	0.01		
Resistance to water penetration to BS EN 13111	Pass	Class W2	No leakage

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

UV and heat ageing conditions: UVA lamps at 50°C for 336 hours followed by heat ageing at 70°C for 90 days.

Related products

Protect sealing tapes: www.protectmembranes.com/protecttapes

Stockist's stamp



PROTECT MEMBRANES

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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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