

TF200

WALL MEMBRANE FOR TIMBER FRAME WALLS

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

Protect TF200 provides a primary 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 BS5250 and NHBC requirements.
- Easy to cut and handle.
- 4 times more permeable than recommended by TRADA and STA for wall membranes.
- Good nail tear and tensile strength.



PRODUCT DESCRIPTION

Size

Roll width: 1.35m, 2.7m and 3.0m
Roll length: 100m
Roll total area: 135, 270 and 300m²
Roll weight: 13.5, 27 and 30kg

Appearance

Embossed upper and lower surface.
Colours: anthracite, blue, red, green, yellow.
Bespoke printing available.

Compatibility

As with all non-woven 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 Ltd, 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/yellow* nonwoven spunbond construction 100gsm 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)

PERFORMANCE

	MD	CD
Nail tear strength (N) to EN 12310-1 with mods	134	164
Unaged tensile strength (N/50mm) to EN 12311 with mods	250	192
Aged tensile strength (N/50mm) to EN 12311 with mods	111	150
Weight	100gsm	
Flexibility at low temperature	-40°C	
Water vapour resistance to EN ISO 12572	0.01 MNs/g	
Watertightness	Pass	Class W2

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.

Stockist's stamp

PROTECT MEMBRANES LIMITED

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



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