



Protect Membranes
2 Brooklands Road, Sale, Cheshire M33 3SS

Telephone **0161 905 5700**
Fax **0161 905 2085**
Email info@protectmembranes.com
Website www.protectmembranes.com

PMP31 Issue 2 July 2019

Construction Membranes

Breather Membranes

Protect TF200

Protect TF200 is a water resistant breather membrane used externally on walls constructed in timber frame, Structural Insulated Panels (SIPS), Cross Laminated Timber (CLT) panels or steel, with a high wet strength and water vapour permeability. Protect TF200 is CE marked and independently approved by BM TRADA, with a Q mark certification and is produced in the UK.

Breather membrane to be manufactured by extruding polypropylene to produce fibres which are spun and bonded together using heat and pressure in a continuous process. The membrane should be suitable for factory or site-applied applications and considered to meet or contribute to meeting the minimum requirements of the Building Regulations in the UK and Ireland.

The mass of the underlay is 100g/m² and it has a thickness of 0.45mm, coming in roll sizes of; 0.54m, 1.35m, 2.7m, 3.0m x 100m. Water vapour transmission resistance: 0.030 MNs/g (0.005 S_d) to BS EN ISO 12572 to meet permeability requirements recommended by TRADA and NHBC. The product's resistance to water penetration to BS EN 13111 should be Pass, Class W2 no leakage both before and after ageing. Nail tear strength should be 230 (MD along roll) and 245 (CD across roll) to BS EN 12310-1 with mods and tensile strength should be 220 (MD along roll) and 225 (CD across roll) to BS EN 12311-1. Membrane should have an embossed upper and lower surface and be available in anthracite, blue, red or green.

Breather membrane to be fitted into wall, in accordance with TRADA recommendations and manufacturer's instructions to cold side of insulation to provide a primary line of protection to the whole of the external wall during the construction process and a secondary line of protection against rainwater penetration during the life of the building after the external masonry is built. The breathable membrane minimises the risk of condensation within the structure and allows water vapour to escape into the vented cavity.

Manufacturer: Protect Membranes, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, United Kingdom. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@protectmembranes.com Website: www.protectmembranes.com/tf200





Protect Membranes
2 Brooklands Road, Sale, Cheshire M33 3SS

Telephone **0161 905 5700**
Fax **0161 905 2085**
Email **info@protectmembranes.com**
Website **www.protectmembranes.com**

STA Assured Gold accredited company and associate members of the Structural Timber Association and the Modular and Portable Build Association.

Product Reference: Protect TF200 external breather membrane for walls.

Accessories

Protect range of sealing tapes to help reduce uncontrolled air leakage in all forms of building construction.

Protect Reveal Tape:

Single-sided, high-tack, durable and woven reinforced reflective tape, for dressing into awkward details without tearing. Performs the airtightness function between internal AVCL and external membrane in and around doors and window reveals.

Protect Reflective Reinforced Tape:

Single-sided, high-tack, reflective aluminium spun bond reinforced tape. Designed for sealing overlaps of timber frame membranes, air barriers and vapour control layers and for sealing around service penetrations. Can be used for internal or external applications.

Protect Reinforced Universal Tape:

Single-sided, high-tack, UV and heat stabilised spun bond reinforced tape. Designed as general purpose tape for sealing overlaps of timber frame membranes, air barriers and vapour control layers. Can be used for internal or external applications.

