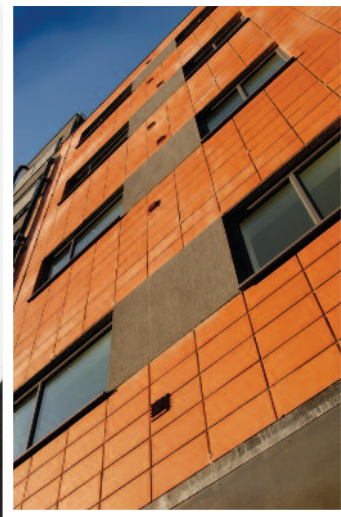


# 5000 FAÇADE WALL MEMBRANE

**F**açades with open rainscreen cladding are a popular architectural feature in modern buildings, however it is especially important in this type of construction to ensure that the structure, insulation and secondary protection membranes are UV stable and can withstand all weather conditions.

Protect 5000 Façade is a high performance, hybrid non-woven vapour permeable membrane specifically designed for use in open cladding applications.



## BENEFITS

- Proven long term UV resistance, demonstrated by test.
- Integral sealing tapes on both edges.
- Complies with EN 13859-2.
- Resists the passage of water, wind blown snow and dust into the structure.
- High tear strength, weather resistance and vapour permeability.
- UV and heat stabilised.
- Suitable for open or ventilated cladding applications.
- Vertical applications with a wide range of materials including timber, metal, clay and stone.
- Excellent nail tear resistance.
- Lightweight and easy to install.

**Protect**  
**5000 Façade**



# protect

5000 FAÇADE

A tough non-woven PP spunbond incorporating a unique durable, high-purity blackened aluminium protective surface, which is bonded to the substrate.

The black surface blends unobtrusively with the structure whilst providing excellent UV resistance. The surface is then micro-perforated and further protected by a waterproof vapour permeable layer of non-woven PP spunbond carrier.

Protect 5000 Façade has been subjected to artificial UV ageing for 5,000 hours in accordance with EN 13859-2 Flexible sheets for waterproofing - Underlays for walls.

Each overlap is sealed for maximum weathertightness with integral sealing tapes on both edges.

#### Roll size

Nominal 1.5m x 50m.

Weight 15kg.

#### Specification clause

Wall membrane to be Protect 5000 Façade supplied by Protect Membranes Ltd, 2 Brooklands Road, Sale, Cheshire, M33 3SS. Tel: 0161 905 5700, Fax: 0161 905 2085. Email: [info@protectmembranes.com](mailto:info@protectmembranes.com). Wall membrane to be four layer construction comprising a waterproof and vapour permeable core, two layers of polypropylene spunbond with the upper layer bonded to a durable perforated solid blackened aluminium. To achieve a hydrostatic head resistance of >2.0m. Water vapour transmission: <0.43MNs/g. Tested to in excess of 5000hrs of UVA in accordance with BS EN 13859-2.

**Protect**  
**5000 Façade**

#### PERFORMANCE

Weight (g/m <sup>2</sup> ):	200	
Watertightness:	W1	
	MD	CD
Tensile strength to EN 12311-1 with mods:		
Before artificial ageing	280N/50mm	239N/50mm
After 5000 hours of artificial ageing	260N/50mm	215N/50mm
Nail tear strength to EN 12310-1 with mods:	205N	242N
Flexibility at low temperature:	-40°C	
Water vapour resistance to BS EN ISO 12572:	0.43MNs/g	
Equivalent air layer thickness:	0.086s <sub>d</sub> (m)	
Reaction to fire:	Class E to EN11925-2 and Class 1 surface spread of flame to BS 476: Part 7	

Stockist's stamp

#### PROTECT MEMBRANES LIMITED

2 Brooklands Road, Sale, Cheshire M33 3SS

Tel: 0161-905 5700 Fax: 0161-905 2085

Email: [info@protectmembranes.com](mailto:info@protectmembranes.com) Web: [www.protectmembranes.com](http://www.protectmembranes.com)

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



A division of Building Product Design Ltd. Company Registration No: 3944123

