

Description

ME010 is a watertight, but vapour permeable polyester-based breather membrane.

Colour

Black

Packaging

Item No.	Roll Width	Roll Length	Rolls/Box
398872	1.5 m	50 m	1

Technical Information

Property	Standards	Result
Grammage	EN 1849-2	Approx. 160 g/m ²
Thickness	EN 1849-2	Approx. 0.5 mm
Reaction to Fire	DIN 4102	B1
Reaction to Fire	EN 13501-1	Class B (s3-d0), fixed to mineral wool
Resistance to Water Penetration	EN1928	W1
After Ageing	EN 1297/1296	W1
Maximum Tensile Strength- Lengthwise/ Crosswise	DIN 12311-1	Approx. 400/230 N ± 15%
After Ageing	EN 1297/1296	>75 % of value as new
Elongation of Break- Lengthwise/Crosswise	EN 12311-1	Approx. 30/35% ± 15%
After Ageing	EN 1297/1296	>75 % of value as new
Tear Growth Resistance / Nail Shank	EN 12310-1	Approx. 100 / 120 N ± 15%
Vapour Diffusion- Equivalent Air Layer Thickness	EN ISO 12572	Sd-value: Approx. 0.04 m
Air Permeability	EN 12114	Approx. 0.1 m ³ /m ² .h.50 Pa
Service Temperature	EN 13859-1	-40°C to +150°C
Flexural Behaviour in Cold Conditions	EN 1109	<-20°C
UV Resistance		Permanent
Storage	Store in shaded, dry conditions and avoid stacking pallets	
Shelf Life	1 year when stored as recommended in original unopened packaging	

Application

- Apply the membrane horizontally, starting from the bottom to ensure natural water run-off, fixing each sheet with staples or SP525 adhesive to the sheathing board or other substrate.
- When applying the membrane from the roll, to achieve maximum UV stability, and to ensure a good bond (if applicable) the outer (fleece) face of the membrane must be orientated towards the structure, and the inner (smooth) face must be left exposed to the UV light.
- For fixing (mechanical or bonding), a supporting area of minimum 40 mm is required.
- For correct joint formation, a minimum overlap of 100 mm



ME010

Breather Membrane UV + Fire

Usage / Purpose

This high performance breather membrane can be directly laid on sheathing board or thermal insulation behind partially or fully open rain screen façades or curtain walling. ME010 is a highly vapour open, watertight, polyester-based breather membrane, and with a Class B (s3, d0) to EN13501-1, can also be used where a fire classification is required.

Key Benefits

- Permanently UV-resistant
- Class B (s3-d0) to EN13501-1 – fixed to Class A2 mineral wool insulation
- Highest range of in-service temperature resistance
- Highly vapour open
- Non-branded, plain black finish - suitable for visible applications
- Airtight and weather-tight
- Available with self-adhesive strip

Breather Membrane UV + Fire

is required. If not using self-adhesive, seal the overlap with SP525, OT301, ME315 or ME316 tape for a wind tight connection.

- Mechanical damage, penetrations or connections should be sealed with SP525, SP925, OT301, ME315 or ME316 depending on the application. If unsure, please contact tremco illbruck for advice.
- When likely to be exposed to weather for an extended period, it is recommended that the membrane is adhered around the full perimeter. This prevents damage due to ingress of wind behind the membrane. It is also beneficial to apply dabs of adhesive at approximately 500 mm centres across the surface area to aid membrane stability.
- Available with self-adhesive strip (subject to MOQ and 4 weeks' delivery time).

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco

illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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