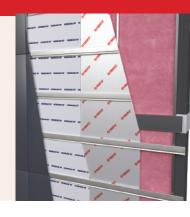


Membrane WP



DESCRIPTION

FIREFLY* Membrane WP is a non-combustible, fire resistant membrane that achieves Class A2 (EN13501-1). Vapour permeable and suitable for use as a lining within ventilated façade systems, including applications above 18 metres.

CONSTRUCTION

FIREFLY* Membrane WP is a strong, breathable woven glass substrate aluminised on one side, suitable for jointing with foil tape.

KEY BENEFITS

- Weatherproof and breathable, FIREFLY* Membrane WP is designed to be a vapour permeable, reflective
 insulation layer in commercial facades and rain screen cladding systems
- Classified A2 (EN13501-1), suitable for use over 18m combining non-combustible fire resistance with traditional construction membrane performance requirements
- Ideal for upgrading fire performance both on remedial work and new installations of cladding and rain screen systems
- Outstanding strength and durability both before and after age testing, demonstrating sustainable performance attributes when weathered
- Lightweight, flexible, simple to install and resistant to damage during installation at temperatures as low as -40°C
- Jointed by foil tape

TITLE	FIREFLY® Membrane WP
DESCRIPTION	Aluminised woven glass/aluminium breathable membrane
REACTION TO FIRE	EN 13501-1:2018 A2, S1 d0 Non-combustible, No significant contribution to fire at any stage of the fire
FLAME PROPAGATION	BS476 Part 6 & 7 Class O
RESISTANCE TO WATER PENETRATION	EN 13111 Pass - W3 (pre-ageing) Pass - W3 (post-ageing)
WATER VAPOUR DIFFUSION	EN ISO 12572 S _{dc} (m) 0.02m silver face, 0.03m reverse
TENSILE STRENGTH	EN 12311-1 (modified by EN 13859-1, EN 13859-2) MD >2200 N/50mm (pre-ageing) MD >2200 N/50mm (post-ageing) CD >1800 N/50mm (pre-ageing) CD >1800 N/50mm (post ageing)
ELONGATION	EN 12311-1 (modified by EN 13859-1, EN 13859-2) MD 4% (pre-ageing) MD 4% (post-ageing) CD 4% (pre-ageing) CD 3% (post ageing)
TEARING RESISTANCE (NAIL SHANK)	EN 12310-1 (modified by EN 13859-1, EN 13859-2) >200 N
DIMENSIONAL STABILITY	EN 1107-2 (% change) MD 0.01 %, CD 0.0 %
FLEXIBILITY AT LOW TEMPERATURE	EN 1109 No cracking at -40°C
DIMENSIONS AND PACKAGING	Width: 125cm Roll Length: 50m Weight: 225g/m², 14kg per roll nominal Thickness: 0.2mm Roll Area: 62.5m²



07/23-1 - All FIREFLYTM cavity barrier products must be installed in compliance with the FIREFLYTM Installation Guide, which is provided upon request. For larger installations refer to the relevant product drawings 017 & 018. Contact the manufacturer for clarification on non-standard installations. Deviation from these drawings should not be carried out without written authority from the **FIREFLYTM** Technical Department

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