

CI/SfB	(31)	Ln6
CAW P10		
Uniclass L6631:P91		

Description

ME060 is a laminated, foil faced glass fibre reinforced air and vapour control membrane with a reaction to fire classification of A2-s1, d0 to EN 13501-1. It can be used on the interior side of lightweight steel and timber frame constructions to provide an air and vapour tight layer to control the passage of air and moisture.

It is designed to meet the fire classification requirements for membranes as defined in the Building Regulations for England and Wales for use on 'relevant building' types.

Colour

Silver

Packaging

ME060 is supplied in logs of 1.2 x 50 m



Technical Information

Property	Test Method	Result
Reaction to Fire	EN 13501-1	A2-s1,d0
Water Vapour Permeability	EN 1931 B	2,000 m
Resistance to vapour penetration	EN 1931 B	>10,000 MNs/g
Water Vapour Permeability after ageing	EN 1931 EN 1296	Passed Passed
Airtightness	EN 12114	<0.1 m³/m²h @ 50 Pa
Thickness	EN 1849-2	0.1 mm (+0.1,-0.05)
Length	EN 1849-2	50 m (+0.5,-0)
Width	EN 1848-2	1.2 m (+5%,-0%)
Surface Density	EN 1849-2	140 g/m² (±14)
Tensile Strength MD	EN 12311-2	960 N/50mm
Tensile Strength CD	EN 12311-2	950 N/50mm
Elongation MD	EN 12311-2	2%
Elongation CD	EN 12311-2	2%
Resistance to Tearing MD	EN 12310-1	150 N
Resistance to Tearing CD	EN 12310-1	150 N
UV resistance without cladding		9 months
UV resistance (max 50% and 50mm joints)		9 months
Temperature Resistance		-36°C to +180°C
VOC Content		0%
Shelf Life		24 months

*MD- Machine Direction

**CD- Cross Direction

ME060

A2-Membrane Pro Air and Vapour Control

Usage / Purpose

ME060 is used as an air and vapour barrier used on the interior of lightweight steel and timber frame systems. This air and vapour control layer also offers enhanced fire properties.

Key Benefits

- Class A2-s1, d0 to EN 13501-1.
- Protection (Air and Vapour tight) - airtightness to Passiv Haus
- 95% heat reflection. Provides significantly improved energy efficiency.
- Durability- Aluminium, glass fibre reinforced membrane ensures long lasting strength.

Installation

The instructions below are not intended to be comprehensive and should be read in conjunction with CPG UK 'Illustrated method statement for ME060' available from our website.

ME060 should be installed in accordance with 'BS5250: 2002 Code of Practice for control of condensation in buildings'. ME060 should be situated on the warm side of the insulation. The following assumes application to an SFS framed wall installed between concrete slabs.

Apply ME060 from the roll ideally vertically, allowing a 50mm overlap at the top and bottom onto the soffit and floor slab and 100mm overlaps to the membrane seams. Bond to the head, track and studs using 6mm diameter beads of SP025 Fire Membrane Adhesive and use ME315 Total Protection Tape to seal the 50mm overlap and membrane to membrane overlaps. Prime the substrate area for the 50mm overlap using AT140 Primer. Consolidate all adhesive beads and tape applications with the use of a seam roller.

For sealing window and door interfaces, the ME060 should be turned into the reveal and bonded with SP025. The complete perimeter interface with the window (or door) should then be sealed by applying ME322 InteriorTape 100 ensuring minimum 20mm contact of ME322 to the window and 50mm to the ME060.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

Tremco CPG UK Ltd 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 CPG UK Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco

CPG UK Ltd written instructions and (b) in any application recommended by Tremco CPG UK Ltd, 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 CPG UK Ltd 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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