

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

Description

FR AVCL (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

FR AVCL (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 m ³ /m ² h @ 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/m ² (±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

FR AVCL

Usage / Purpose

FR AVCL (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 Tremco CPG UK's installation available from our website.

FR AVCL (ME060) should be installed in accordance with 'BS5250: 2002 Code of Practice for control of condensation in buildings'. FR AVCL (ME060) should be situated on the warm side of the insulation.

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



Tremco CPG UK Limited
Coupland Road, Hindley Green
Wigan WN2 4HT
United Kingdom
T: +44 1942 251400
F: +44 1942 251410

hello@tremcocpg.com
www.tremcocpg.eu