

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

Description

ME065 is a laminated, foil faced glass fibre reinforced air and vapour control and waterproofing membrane with a reaction to fire classification of A2-s1, d0 to EN 13501-1. It can be used on the warm side of the facade composition and on the top of the substrate (mineral wool insulation, concrete, masonry, aluminum, etc.) to provide a barrier to water, air and vapor. It can also be used in façade interfaces as a water, air and vapor barrier membrane.

Colour

Silver

Packaging

ME065 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	195 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	4%
Elongation CD	EN 12311-2	4%
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

ME065

A2-Membrane Pro
Air , Vapor Control &
Waterproofing

Usage / Purpose

ME065- is used as an air and vapour barrier used on the warm side of the facade composition and on the top of the substrate. It is also used in façade interfaces. 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
- Water resistant to EN1928
- 95% heat reflection. Provides significantly improved energy efficiency.
- Durability - Aluminum, glass fibre reinforced membrane ensures long lasting strength.
- High range of in-service temperature.

Installation

Preparation:

- Install the window before applying the membrane to prevent displacement.
- Clean the surfaces to ensure they are free of dust, debris, and contaminants.
- Perform a field adhesion test using actual site materials, as recommended.

Window Membrane (as a perimeter or linear seal):

ME065 is suitable for sealing windows, door, curtain wall assemblies and other linear joints. When installed around windows or doors, ME065 is applied to all four sides of the glazed frame with the application starting at the sill, followed by the jambs, and finishing with the head. All membrane overlaps must be a minimum of 100 mm and formed in a downwards direction to provide a robust seal.

ME065 is bonded initially on the leading edge of the sill, jambs and head of the glazed frame using Dymonic FC adhesive. The trailing edge is then lapped a nominal 100 mm (minimum 50 mm) onto the backing structure and bonded with Dymonic FC adhesive. To bond the membrane, a 10 mm diameter bead of adhesive should be applied 15 mm inside of the membrane's edge and consolidated with a seam roller to achieve a 20 – 30 mm wide x 2 - 3 mm thick continuous band around the membrane perimeter.

When correctly installed, the adhesive will ooze out and be visible around the edge of the membrane. This excess sealant should not be scraped away or flattened as this can damage the membrane. The use of additional sealant around the perimeter of the membrane is not required. Once installed, the membrane should be inspected and any noticeable voids, gaps or pin holes sealed with Dymonic FC. The minimum bond width for any application is an unobstructed 20 mm bonding zone around the entire perimeter frame. Where this is not possible, please consult Tremco CPG technical department. An optional termination bar may be considered to provide mechanical retention of the membrane.

If the membrane interfaces with a third-party material such as sealants, hot melt, torch-down or cold applied liquid waterproofing membrane, the compatibility of the Dymonic FC should be confirmed by consulting with Tremco CPG technical department.

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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