OBEX CORTEX®

1mm **EPDM Membrane**

TDS

Technical Data Sheet

Version 01.01.02

Updated 22.10.26

Product Description

OBEX CORTEX 1000 EPDM Membrane is used to create water and airtight seals across construction interfaces.

Product Specifications

Widths	50mm - 1500mm
Length	20m per roll
Thickness	1mm

Product Applications

- **Water and airtight seals around windows, doors, and curtain-walling systems.**
- **Water and airtight seals from sheathing board to concrete frame.**
- **Top of parapet walls.**
- **EPDM is not suitable for use on Relevant Buildings taller than 18m as specified in Reg 7. A fire-classified membrane is required - please speak to one of our advisors for further advice.**

Technical Data

Harmonised Standard	EN 13984	
3rd Party Certification	BBA	Certificate No. 17/5396
Fire Classification	EN 13501-1	E
Water Tightness	EN 1928	Pass - 2kPa for 24 hours
Air Tightness	EN12114	< 0.1m^3 net leakage
Tensile Strength (both directions)	EN 12311-2	≥ 8 MPa
Resistance to tearing (nail shank)	EN 12310-2	≥ 20 N
Water Vapour Permeability	EN 1931	50,000 mu
Equivalent Air Layer Thickness (Sd Value)	EN 1931	50m
Vapour Resistance	EN 1931	250 MNs/g
Elongation at break (both directions)	EN 12311-2	≥ 300%
Vapour Resistivity	EN 1931	250,000 MNs/gm
Durability Against Ageing	EN 1296/EN 1931	Pass
Service Temperature (approx)	-45°C to 130°C	

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Associated Products

- OBEX CORTEX 1.5mm EPDM Membrane
- OBEX CORTEX 1.2mm EPDM Membrane
- OBEX CORTEX 0.75mm EPDM Membrane
- OBEX CORTEX 0.6mm EPDM Membrane
- OBEX CORTEX 0.5mm EPDM Membrane
- OBEX CORTEX 0769 Paste Adhesive
- OBEX CORTEX 0765 Paste Adhesive
- OBEX CORTEX 0785 Primer
- OBEX CORTEX 0786 Spray Primer
- OBEX CORTEX 0860 Adhesive Backed EPDM Membrane
- OBEX CORTEX 0751, 0752, 0753 EPDM Membrane with Butyl Strips
- OBEX CORTEX 0761, 0762, 0763, 0764, 0768 EPDM Membrane with Gasket

Additional Important Information

- All edges, joints and overlaps must be capped off with OBEX CORTEX 0769 Paste Adhesive.
- Porous surfaces may require priming with OBEX CORTEX 0785 Primer.
- It is the responsibility of the user to carry out compatibility checks.
- Consult the OBEX Technical Team with any queries.

Installation Guide

Scan the QR code for the Installation Guide, to ensure an accurate and compliant install.

Alternatively follow this link:
obexuk.qrd.by/EPDM-install