

Product Description

OBEX CORTEX 0160FR Adhesive Backed DPC is a flexible membrane for use in external wall applications for use as a cavity barrier.

The 0160FR DPC has a textured surface on both sides to ensure adequate bond strength is achieved. It achieves a B, s3-d0 (EN13501-1) fire classification, is highly UV resistant, watertight and air-tight.

Product Specifications

Widths	50mm - 500mm
Length	20m per roll
Thickness	0.5mm

Product Applications

- » Cavity barriers and other applications that require a DPC separation layer.

Technical Data (Membrane)

Harmonised Standard	EN 13984	
Fire Classification	EN 13501-1	B-s3,d0
Water Tightness	EN 1928	Pass - 2kPa for 24 hours
Air Tightness	EN 12114	<0.1m ³ net leakage
Tensile Strength	EN 12311-2	MD 2490 N/50mm, CD 2079 N/50mm
Resistance to Tearing (Nail Shank)	EN 12310-1	MD 429 N, CD 452 N
Water Vapour Permeability (μ)	EN 1931	23,726 μ
Equivalent Air Layer Thickness (Sd value)	EN 1931	12m
Vapour Resistance	EN 1931	59 MNs/g
Elongation at Break %	EN 12311-2	MD 28%, CD 31%
Cold Temperature Flexibility	EN 1109 / 495-5	- 40°C, no cracks
Calcium Sulphate Durability	EN 1847	Pass
UV & Heat Ageing	EN 1296	Pass (watertightness, tensile, tear strength)

Technical Data (Adhesive)

Adhesive Carrier	Polyester Scrim
Adhesive System	Acrylic Dispersion
Release Liner	Silicone-Coated Filmic Liner, White
Processing Temperature	+5°C recommended
Temperature Resistance	-30°C to +100°C
Tack	Excellent
Condensation Water Resistance	High
Ageing Resistance	Very high

Associated Products

- » OBEX CORTEX 0824FR Double Sided Tape
- » OBEX CORTEX 0223FR Breather Membrane W1
- » OBEX CORTEX 0230FR VCL

Additional Important Information

- » It is the responsibility of the user to test for compatibility.
- » OBEX Protection Ltd reserves the right to alter product specifications without prior notice, in line with its company policy of continuous development and improvement.
- » Consult the OBEX Technical Team for the latest version of the TDS, or with any other queries.