

Product Description

OBEX CORTEX 0830 AVCL Membrane is a vapour tight and airtight membrane layer used to increase vapour and airtightness and improve moisture management and energy efficiency of buildings.

Key features

- » 20m Sd Value
- » Translucent – insulation and services are visible through the membrane
- » Airtight
- » DTU 31.2 Compliant
- » DTU 31.4 Compliant

Product Specifications

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|-----------|-----------------------------|
| Widths | 1500mm |
| Length | 50m per roll |
| Thickness | 0.5mm |
| Colour | White |
| Packaging | 1 Roll wrapped individually |

Product Applications

- » Walls

Technical Data

| | | |
|--------------------------------------|------------|---|
| Harmonised standard | EN 13984 | Type A |
| Fire Classification | EN 13501-1 | E |
| Water-tightness | EN 1928 | Pass – 2kPa for 24 hours |
| Water Vapour Transmission (Sd Value) | EN 1931 | 20m |
| Tensile Strength | EN 12311-2 | Longitudinal: 100 N / 50mm Transverse: 80 N / 50mm |
| Elongation | EN 12311-2 | Longitudinal: 50% Transverse: 50% |
| Tear Strength (Nail Shank) | EN 12310-1 | Longitudinal: 70 N Transverse: 100 N |

Installation Guide



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

Alternatively follow this link:
obexuk.qrd.by/0830-install-guide-en

- » Roofs - as per design

Associated Products

- » OBEX CORTEX 0850 Double-Sided Tape
- » OBEX CORTEX 0855 Single-Sided Tape

Additional Important Information

- » Install as per the OBEX Installation Guide

Storage

- » Store in a cool, dry place out of direct sunlight
- » Shelf life – 2 years
- » Temperatures – 10°C – 30°C

| | | |
|---|------------|----------|
| Low temperature flexibility | EN 1109 | -40°C |
| Shear Resistance of Joints (0850 Double-Sided Tape) | EN 12317-2 | 134.61 N |
| Shear Resistance of Joints (0855 Single-Sided Tape) | EN 12317-2 | 52.87 N |
| Shear Resistance of Joints After Ageing (0850 Double-Sided Tape) | EN 12317-2 | 149.05 N |
| Shear Resistance of Joints (0855 Single-Sided Tape) | EN 12317-2 | 50.76 N |
| Peel Resistance - Membrane to Membrane (0850 Double-Sided Tape) | EN 12316-2 | 27.15 N |
| Peel Resistance - Membrane to Membrane (0855 Single-Sided Tape) | EN 12316-2 | 35.44 N |
| Peel Resistance - Membrane to Plywood (0850 Double-Sided Tape) | EN 12316-2 | 37.42 N |
| Peel Resistance - Membrane to Plywood (0855 Single-Sided Tape) | EN 12316-2 | 47.27 N |