

Product Description

OBEX CORTEX 0831 AVCL Membrane is a highly vapour tight and airtight membrane layer used to increase vapour and airtightness and improve moisture management and energy efficiency of buildings.

Key features

- » 100m Sd Value – high vapour tightness
- » Translucent – insulation and services are visible through the membrane
- » Airtight
- » DTU 31.2 Compliant
- » DTU 31.4 Compliant

Product Specifications

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

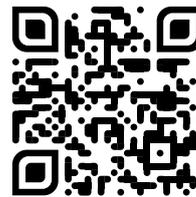
Product Applications

- » Walls
- » Roofs - as per design

Technical Data

Harmonised standard	EN 13984	
Fire Classification	EN 13501-1	E
Water-tightness	EN 1928	Pass – 2kPa for 24 hours
Water Vapour Transmission (Sd Value)	EN 1931	100m
Tensile Strength	EN 12311-2	Longitudinal: 204 N / 50mm Transverse: 177 N / 50mm
Elongation	EN 12311-2	Longitudinal: 69% Transverse: 68%
Tear Strength (Nail Shank)	EN 12310-1	Longitudinal: 198 N Transverse: 181 N
Low temperature flexibility	EN 1109	-40°C

Installation Guide



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

Alternatively follow this link:
obexuk.qrd.by/0831-install-guide

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

Shear Resistance of Joints (0850 Double-Sided Tape)	EN 12317-2	185.44 N
Shear Resistance of Joints (0855 Single-Sided Tape)	EN 12317-2	51.27 N
Shear Resistance of Joints After Ageing (0850 Double-Sided Tape)	EN 12317-2	192.96 N
Shear Resistance of Joints After Ageing (0855 Single-Sided Tape)	EN 12317-2	49.86 N
Peel Resistance - Membrane to Membrane (0850 Double-Sided Tape)	EN 12316-2	31.47 N
Peel Resistance - Membrane to Membrane (0855 Single-Sided Tape)	EN 12316-2	38.23 N
Peel Resistance - Membrane to Plywood (0850 Double-Sided Tape)	EN 12316-2	23.2 N
Peel Resistance - Membrane to Plywood (0855 Single-Sided Tape)	EN 12316-2	48.04 N