

Technical Data Sheet

Version 01.01.05 Updated 22.07.25

Product Description

OBEX CORTEX 0220FR is a highly UV-resistant external Breather Membrane, suitable for use in facades with open or closed joints, and other construction applications.

Product Specifications

Roll Size	1200mm x 50m
Thickness	0.20mm (± 0.05mm)
Colour	White

Product Applications

- » For use on external façades, normally applied direct to the sheathing board to prevent water ingress and allow vapour to escape.
- » Not suitable for the sealing of windows, doors and slab edges - see ISM's (Interface Sealing Membranes) for this purpose.

Technical Data

Harmonised Standard	EN 13859-2	
3 rd Party Certification	KIWA	BAW-22-244-P-A-UK
Fire Classification	EN 13501-1	A1
Fire Classification (System Testing)	EN 13501-1	A2-s1,d0 with 0823FR UV Façade Tape & 0824FR Double Sided Tape
Water Tightness	EN 13111	W2
Water Vapour Transmission (Sd Value)	EN ISO 12572	0.03
UV Resistance		High
Vapour Resistance		0.15 MNs/g
Tensile Strength	EN 12311-2	Longitudinal: 3828 N/50mm Transverse: 1992 N/50mm
Tear Strength (Nail Shank)	EN 12310-1	Longitudinal: 356 N Transverse: 424 N
Elongation	EN 12311-2	Longitudinal: 2.8% Transverse: 3.8%
Low-Temperature Flexibility	EN 1109	- 40°C





0220FR Breather Membrane Class A1

TDS Technical Data Sheet

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Associated Products

- » OBEX CORTEX 0824FR Double Sided Tape
- » OBEX CORTEX 0823FR UV Resistant Façade Tape

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.

Installation Guide



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

Alternatively follow this link: obexuk.grd.by/0220fr-install

