OBEX CORTEX FR®

0520FR **Breather Membrane** Class B

TDS
Technical Data Sheet
Version 01.01.03
Updated 22.07.25

Product Description

OBEX CORTEX 0520FR 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	1500mm x 50m
Thickness	0.3mm (± 0.1mm)
Colour	Black (with white printing)

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	
3rd Party Certification	KIWA	BAW-22-245-P-A-UK
Fire Classification	EN 13501-1	B-s1,d0
Fire Classification (System Testing)	EN 13501-1	B-s1,d0 with 0823FR UV Façade Tape & 0824FR Double Sided Tape
Water-Tightness	EN 1928	W1
Resistance to Air Penetration	EN 12114	Net Leakage: 0 m³/h/m² (+/- 100 Pa)
Water Vapour Transmission (Sd Value)	EN ISO 12572	0.1m
Vapour Resistance		0.5 MNs/g
UV Resistance		6 Months
Tensile Strength	EN 12311-2	Longitudinal: 255 N/50mm Transverse: 180 N/50mm
Tear Strength (Nail Shank)	EN 12310-1	Longitudinal: 100 N Transverse: 106 N
Low Temperature Flexibility	EN 1109	-40°C

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For more product information call us with your enquiry on **01905 337800**, email **info@obexuk.com** or visit **www.obexuk.com**
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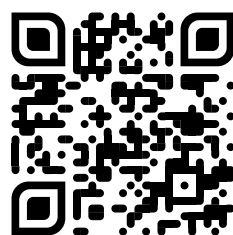## Technical Data Sheet
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Associated Products

» 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.qrd.by/0520fr-install