

Product Description

OBEX CORTEX 0531FR Class B Vapour & Air Tape is an airtight and vapour-tight membrane with a high-performance adhesive backing. The combined product achieves a B-s1,d0 fire classification according to EN 13501-1. The 0531FR is used to increase vapour tightness and airtightness and improve moisture management and energy efficiency.

Product Specifications

Widths	50-500mm
Length	20m
Thickness	0.28mm
Colour	White
Packaging	Individual Rolls

Key Features

- » Highly Vapour tight
- » Airtight
- » Class B-s1,d0
- » Self-adhesive – fully customisable adhesive configurations

Technical Data

Harmonised Standard	EN 13984	
Fire Classification	EN 13501-1	B-s1,d0
Water-Tightness	EN 1928	Pass – 2 kPa for 24 hours
Water-Tightness After UV & Heat Ageing	EN 1296 & EN 1297	Pass – 2kPa for 24 hours
Resistance to Air Penetration	EN 12114	Net Leakage: 0m ³ /h/m ² (+/- 100 Pa)
Sd Value	EN 1931	100m
Vapour Resistance	EN 1931	500 MNs/g
Water Vapour Transmission	EN 1931	416666 μ
Tensile Strength	EN 12311-2	Longitudinal: 160 N/50mm Transverse: 155 N/50mm

Product Applications

- » Internal Class B air and vapour seal tape.
- » Sealing from glazing frames to the structure or VCL membrane.

Storage

- » Conditions – Cool and dry, out of direct sunlight.
- » Shelf life – 12 months
- » Temperatures: 10 - 25°C

Additional Important Information

- » It is the responsibility of the user to make compatibility checks
- » 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 for any other queries.
- » The 0531FR is not an external weathertightness membrane. The OBEX range of ISM's should be used for external interface sealing.
- » Disclaimer: If bonding to highly porous/dusty surfaces, the 0787FR primer may be required for increased adhesion.

Technical Data (Continued)

After UV & Heat ageing	EN 1296 & 1297	Longitudinal: 132 N/50mm Transverse: 144 N/50mm
Tear Strength	EN 12310-1	142N
Adhesion Strength	90° Peel	Steel – 30.12 N Plywood – 21.08 N
Application Temperature		Above 5°C