

## Product Description

OBEX CORTEX 0500FR with Gasket is a Class B Interface Sealing Membrane that is used to create weather and airtight seals around windows, doors and curtain walling.

The gasket locates directly into the channel in the window profile, or the OBEX CORTEX Gasket Carrier.

## Product Specifications

Widths	50mm - 700mm
Length	20m per roll
Thickness	0.5mm

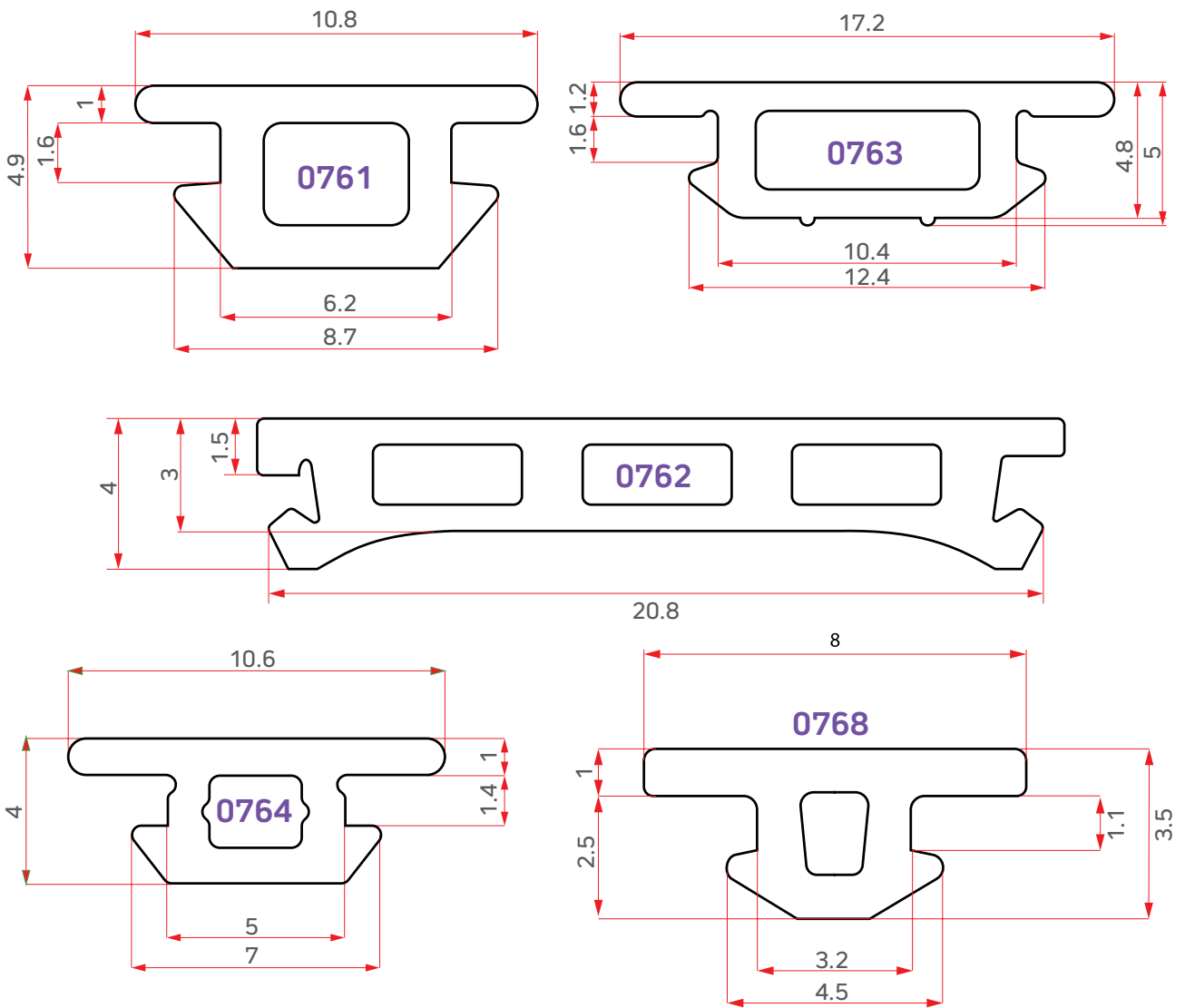
## Product Applications

» **Water and airtight seals around windows, doors, and curtain walling systems**

## Membrane Technical Data

Harmonised Standard	EN 13984	
3rd Party Certification	BBA	Certificate No. 17/5396
Fire Classification	EN 13501-1	B-s3,d0
Water Tightness	EN 1928 (Method A)	Pass - 2kPa for 24 hours, 60kPa for 24 hours
Water Tightness	EN 1928 (Method B)	Pass - 60kPa for 24 hours, 500kPa for 72 hours
Air Tightness	EN 12114	<0.1m <sup>3</sup> net leakage
Tensile Strength	EN 12311-2	MD 2490 N/50mm, CD 2079 N/50mm
Resistance to Tearing (Nail Shank)	EN 12310-1	MD 429 N, CD 452 N
Water Vapour Permeability (μ)	EN 1931	23,726 μ
Equivalent Air Layer Thickness (Sd value)	EN 1931	12m
Vapour Resistance	EN 1931	59 MNs/g
Elongation at Break %	EN 12311-2	MD 28%, CD 31%
Cold Temperature Flexibility	EN 1109 / 495-5	- 40°C, no cracks
Calcium Sulphate Durability	EN 1847	Pass
UV & Heat Ageing	EN 1296	Pass (watertightness, tensile, tear strength)

Gasket Technical Data



All dimensions are in millimetres

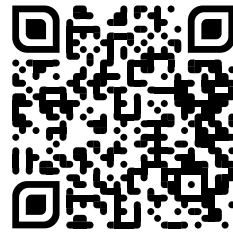
### Associated Products

- » OBEX CORTEX 0771FR Class B Paste Adhesive
- » OBEX CORTEX 0787FR Class B Primer
- » OBEX CORTEX 0802 Gasket Carrier

### Additional Important Information

- » All edges, joints and overlaps must be capped off with OBEX CORTEX 0771FR Class B Paste Adhesive.
- » Porous surfaces and sheathing boards must be primed with OBEX CORTEX 0787FR Class B Primer.
- » It is the responsibility of the user to carry out compatibility checks.
- » Consult the OBEX Technical Team with any 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/0500fr-gasket-install](https://obexuk.qrd.by/0500fr-gasket-install)