

Product Description

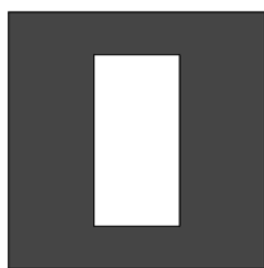
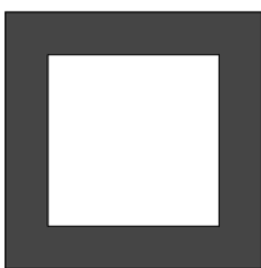
OBEX CORTEX 0910FR Class B Pre-Formed sleeves / corners are manufactured from a class B compound to bespoke sizes to give a 100% weather and airtight seal around façade penetrations such as ducts, vents, brackets and other technical details and penetrations.

Traditional methods involve cutting and patching around penetrations using interface sealing membrane and paste adhesive. The 0910FR sleeve/corners are pre-formed to suit your specific detailing for less reliance on workmanship and to speed up the installation whilst giving a 100% weather and airtight seal.

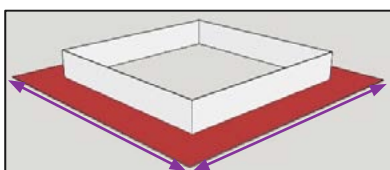
Key features

- » Quick installation
- » Less reliance on workmanship
- » 100% weather and airtight seal
- » Class B fire classification
- » Very short lead time

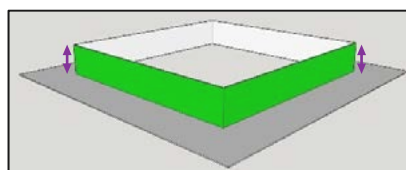
Forming Shapes



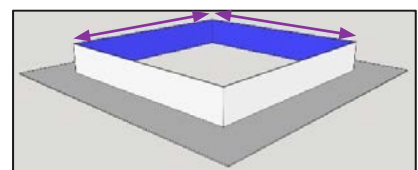
Forming Terminology



Flange



Height



Protrusion

Product Applications

- » Pre-formed sleeve for ducts, vents, brackets and other penetrations
- » Pre-formed corners for corner detailing

Product Specifications

Colour	Transparent
Minimum Values	Material thickness will vary across different forming sizes and shapes

Forming Specifications

- » Max outside flange – 650mm x 650mm
- » Max height for square/rectangle/circle – 80mm
- » Max height for I-beam – 30mm
- » Max protrusion dimensions – 550mm for non-porous surfaces, 450mm for porous surfaces

Technical Data

Harmonised standard	EN 13984	
Fire Classification	EN 13501-1	B-s3,d0
Tensile Strength	EN 12311-2	253 N / 50mm
Tear Strength	EN 12310-2	65 N/mm
Elongation	EN 12311-2	119%
UV Resistance		3 months
Watertightness	EN 1928	Pass - 2kPa for 24 hours
Peel Resistance with 0771FR / 0210FR Paste Adhesive		Average - 86 N
Tensile Strength (After Ageing – 336 Hours UVA & 60°C Heat)	EN 12311-2	257 N / 50mm
Elongation (After Ageing – 336 Hours UVA & 60°C Heat)	EN 12311-2	89%

Associated Products

- » OBEX CORTEX 0771FR Class B Paste Adhesive
- » OBEX CORTEX 0210FR Class A2 Paste Adhesive

Important Notes

- » The material may become less flexible in cold temperatures. To increase workability, condition in a warm environment before installation.
- » This is a formed item so there may be small variances from sleeve to sleeve. There is a manufacturing tolerance of ±5% on formed items.
- » There may be a small amount of webbing present on the formed pieces. Whilst we do our best to avoid this, it may sometimes be required to give extra support to the sleeve.
- » The thickness of the sleeve may vary across different forming sizes and shapes. OBEX have tested a minimum thickness of 0.3mm which has passed the required tests.

- » These are bespoke items which are made to order. Your desired sleeve / corner size and shape will be checked with the forming parameters to ensure it's possible to manufacture.

Storage

- » Conditions – store in a cool, dry place, out of direct sunlight
- » Shelf life – 6 months
- » Temperatures - +10°C - +25°C