

PRODUCT DATA SHEET

ISO-CONNECT EPDM

SEALING COLLAR AND SEALING CORNER



PRODUCT DESCRIPTION

ISO-CONNECT EPDM SEALING COLLAR is a elastomer sealing system. It is used for external sealing of window and door elements that are installed in the facade with metal angles in front of the load-bearing wall. This makes the system particularly suitable for in front of wall sealing in external applications. It conforms to DIN requirements. The vulcanised corner connections create a long-lasting seal and are very fast to install.

APPLICATION

ISO-CONNECT EPDM SEALING COLLAR is designed for structurally correct external sealing of door and window connections and can be used for all types of windows. It is ideal for the external sealing of structural elements in the facade area. ISO-CONNECT EPDM SEALING COLLAR is a versatile and proven sealing foil for use in PVC, wood, metal, window and facade constructions.

The sealing collars are made from highly flexible EPDM and are individually tailored for the application. They can be quickly fitted to the window using the optional butyl-adhesive or a suitable eurogroove gasket. A fitter places the prefabricated collar around the window in front of the wall, bonding it correctly to the supporting masonry wall. This simple and reliable seal can be fitted up to 6 times faster than a seal with foil strips.

PRODUCT ADVANTAGES

- permanent outer sealant
- high elasticity – compensates for joint movement
- extreme temperature and weather resistant
- eurogroove gasket range suitable for many PVC and aluminium systems
- installation time up to 6 times faster than sealing with foil strips
- custom-fit to external window dimensions
- complies with the requirements of the Building Energy Act (EnEV was valid 31.10.20) and the recommendations of the RAL "installation guide"
- 10 Year Function Warranty*

* On the conditions of the manufacturer (available on request).

ACCESSORIES

ISO-TOP FLEX-ADHESIVE XP for bonding to the masonry

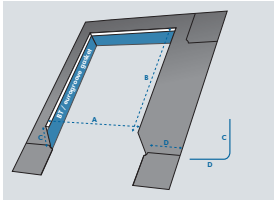
PATENT-PENDING

ISO-CONNECT EPDM SEALING COLLAR AND SEALING CORNER



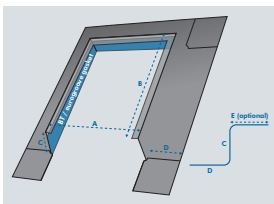
Technical data	Standard	Classification
Material description		synthetic caoutchouc on EPDM basis
Colour		black
Building material class	DIN EN 13501-1	E
Air permeability coefficient	DIN EN 12114	airtight $a \leq 0.1 \text{ m}^3/[\text{h}\cdot\text{m}\cdot(\text{daPa})^{2/3}]$
Bitumen compatible	DIN 7864 T1	bitumen compatible
UV stability	DIN 7864 T1	UV resistant
Ozone resistance	DIN 7864 T1	ozone resistant
Water vapour diffusion resistance μ	DIN EN 1931	60,000 +/- 18,000
Material thickness		0.8 mm and 1.2 mm
Elongation at break	DIN EN 12311-1	$\geq 450\%$
Tensile strength	DIN EN 12311-1	$\geq 350 \text{ N}/50 \text{ mm}$
Maximum tear resistance	DIN EN 12310-1	$\geq 90 \text{ N}$
Temperature stability range		-30°C to +110°C
Handling temperature		+5°C to +35°C
Dimension tolerance	DIN 7715 T5 P3	requirements fulfilled
Storage temperature		+1°C to +25°C
Shelf life		unlimited (EPDM with eurogroove gasket), finishes with adhesive strips 12 months, dry and in original packing

FINISHES



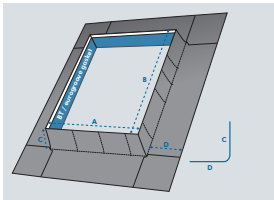
FINISH A

- 3-sided, without front part
- without self-adhesive
- with butyl-adhesive strip (BT)
- with eurogroove gasket (K)*



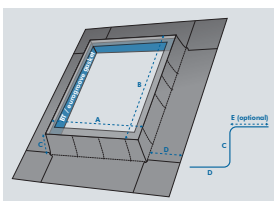
FINISH B

- 3-sided, with front part (E)
- without self-adhesive
- with butyl-adhesive strip (BT)
- with eurogroove gasket (K)*



FINISH C

- 4-sided, without front part
- without self-adhesive
- with butyl-adhesive strip (BT)
- with eurogroove gasket (K)*



FINISH D

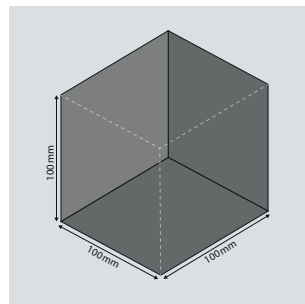
- 4-sided, with front part (E)
- without self-adhesive
- with butyl-adhesive strip (BT)
- with eurogroove gasket (K)*

* For eurogroove gasket range, see sketches on the right.
K3 and K6 = minimum order quantity 2,000 m.

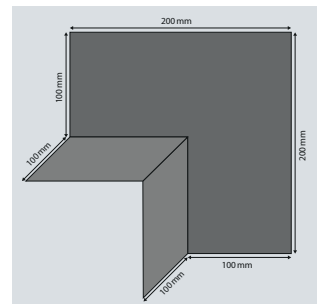
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ISO-CONNECT EPDM SEALING CORNERS

Alternatively, we also supply moulded EPDM sealing corners for various connection areas on buildings. These can be used for in front of wall elements, for the lower connection area, on floor-level elements, balcony doors and patio door systems. The material thicknesses and properties correspond to those of the ISO-CONNECT EPDM SEALING COLLAR.



inside corner



outside corner

DIMENSIONS SEALING CORNERS

inside corner: 100 x 100 x 100 mm

outside corner: 200 x 200 x 100 mm

