PRODUCT DATA SHEET

ISO-CONNECT INSIDE EPDM

ISO CHEMIE
Use the blue technology.

ISO³ window sealing

ISO³ facade sealing

PRODUCT DESCRIPTION

ISO-CONNECT INSIDE EPDM is a butyl caoutchouc band and serves as an internal sealing on window, door and facade connections.

ISO-CONNECT INSIDE EPDM is vapour diffusion impermeable and guarantees a secure and reliable internal seal on building facade and structural connections. Joint movement is constantly compensated for through the materials high elasticity.

APPLICATION

ISO-CONNECT INSIDE EPDM is designed for a precision seal on the building's window, door and facade connections.

ISO-CONNECT INSIDE EPDM is a versatile and proven sealing band in combination with metal, window and facade constructions.

FINISHES

- Finish A: without self-adhesive
- Finish B: SK
  single side self-adhesive with 1 self-adhesive strip
- Finish C: BT
  single side self-adhesive with 1 or 2 butyl adhesive strips, subject to product width
- Finish D: SK-BT
  single side self-adhesive with 1 self-adhesive strip and 1 or 2 butyl adhesive strips, subject to product width

PRODUCT ADVANTAGES

- permanent internal seal
- high elasticity – compensates joint movement
- vapour diffusion impermeable
- extreme temperature and weather resistance

DIMENSIONS

width: 100, 150, 200, 250, 300, 400, 500 mm
(other dimensions available upon request)

PACKAGING

rolls, roll length: 25 m

CE

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ISO-CONNECT INSIDE EPDM

Technical data	Standard	Classification
Material description		synthetic caoutchouc on butyl bases
Colour		black
Building material class	DIN 13501	E
UV-stability	DIN 7864 T1	UV-resistant
Water vapour diffusion resistance μ	DIN EN 1931	≈ 300,000
Material thickness		0.8 mm and 1.2 mm
Tensile strength	DIN 53504	≥ 350 %
Elongation	DIN 53504	≥ 8.5 mPa
Further tear resistance	DIN 53504	≥ 20 kN/m
Temperature stability range		-30 °C to +130 °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), finishes with adhesive strips 12 months, dry and in original packing

PREPARATION

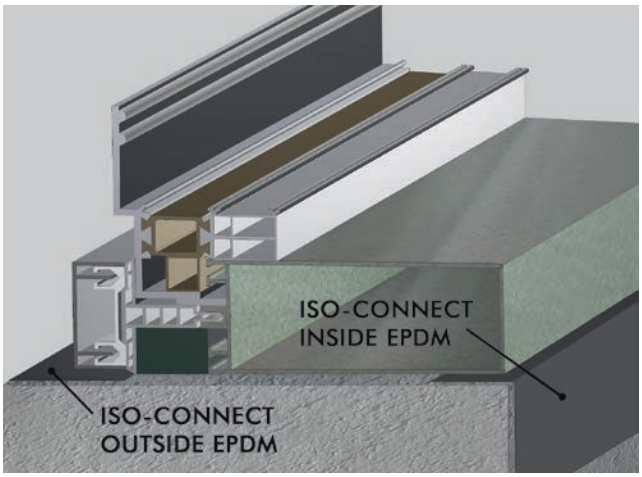
Unroll ISO-CONNECT INSIDE EPDM sealing band and cut to the required length. The surface must be clean, dry and free from solvents, grease, dust and other anti-adhesive substances.

PROCESSING

Generating an air-tight joint with the means of partial surface adhesion using gunable, paste-like and solvent free adhesive (ISO-TOP FLEX-ADHESIVE XP). Primer is not necessary with ISO-TOP FLEX-ADHESIVE XP, with the correct professional preparation. An additional mechanical fixing e. g. clamps and the securing on the window is to be applied as described in DIN 18195.

Alternatively, versions B and D are supplied with an acrylic adhesive strip to assist attaching the end to the aluminium window until the mechanical fixings are installed, or a gunned adhesive is applied. When using versions with Butyl adhesive, pre-treat any porous and absorbent surfaces with a suitable primer and then apply the self-adhesive material to the surface. For all adhesive areas use a roller to carefully apply pressure to the area until the product adopts the contours of the facade.

Butyl caoutchouc adhesives are sensitive to solvents. On complete surface bonding using solvent based contact adhesive, coat both the band and the surface and then carefully press into place.



Installation example ISO³-WINDOW SEALING SYSTEM

The latest version can be found on our website www.iso-chemie.eu

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