

PRODUCT DATA SHEET

ISO-CONNECT INSIDE CX



PRODUCT DESCRIPTION

ISO-CONNECT INSIDE CX is a special water resistant and vapour diffusion impermeable foil for an air tight and wind proof sealant on connecting joints in

- windows
- doors
- panels

in accordance to the Building Energy Act requirements.

It consists of a synthetic fleece with a self-adhesive strip on one edge for a quick and effective application on window frames.

APPLICATION

ISO-CONNECT INSIDE CX is used to seal internal connecting joints. Due to its large sd-value it is suitable for sealing joints where an impermeable vapour diffusion, and air tight, seal is required, separating the internal and external air conditions.

ISO-CONNECT INSIDE CX is highly flexible, which aids exact application, particularly around corners. It also allows the optimum bonding of wet plaster, paint etc. (without the need of a primer), and is extremely suitable as a base for thermal insulation materials applied to internal facades.

PRODUCT ADVANTAGES

- air tight, wind proof and water vapour impermeable
- water resistant
- special fleece surface which is good for plastering, painting or pasting over
- with a self-adhesive strip for quick and effective installation
- highly flexible, but with a high tensile strength for an easy and exact application
- complies with the requirements of the Building Energy Act and the recommendations of the RAL "installation guide"
- 10 Year Function Warranty*

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

SERVICE

- standard sizes available from stock
- private label and / or special labelling available
- competent experienced technical support available in the field and by phone



ISO-CONNECT INSIDE CX



Technical data	Standard	Classification
Material description		vapour diffusion impermeable synthetic fleece
Colour		grey
Weight		250 – 300 g/m ²
Impermeable to driving rain	DIN EN 1027	≥ 1,050 Pa
Air permeability coefficient	DIN EN 12114	airtight $a \leq 0.1 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$
UV stability		approx. 3 months
Temperature stability range	internal	approx. -40 °C to +100 °C
sd-value	DIN EN ISO 12572	approx. 40 m
Flexibility at -23 °C	internal	no breaks, no tears
Fire behaviour	DIN EN 13501	E
Dimension tolerance	DIN 7715 T5 P3	requirements fulfilled
Handling temperature		+5 °C to approx. +45 °C
Shelf life		1 year, dry and in original packing
Storage temperature		+1 °C to +20 °C

PROCESSING

The bonding surfaces must be firm, dry, clean from dust, stripping agents, solvents, oil and grease. When sealing windows, panels and door frames remove backing from the self-adhesive strip, then place the foil onto the surface and press securely. ISO-CONNECT INSIDE CX can be applied in the factory.

For wall applications ISO-TOP FLEX-ADHESIVE SP is used. Normal rough, e. g. uneven wall surfaces, can be compensated for by the application of sufficient adhesive. Use enough adhesive so that after applying the foil the adhesive caterpillar is at least 30 mm wide and 1 mm thick. On areas that are to be plastered over a continuous "Z" shaped caterpillar should be applied over the area. Depending on the μ -values of the surface it can be necessary to increase the width of the adhesive caterpillar up to ≥ 50 mm, in order to reduce the water vapour permeability. Overlapping of the foil ends should only be up to 50 mm wide using the same technique. Plastering can be done as soon as the adhesive is sufficiently cured to carry the plaster.

FINISHES

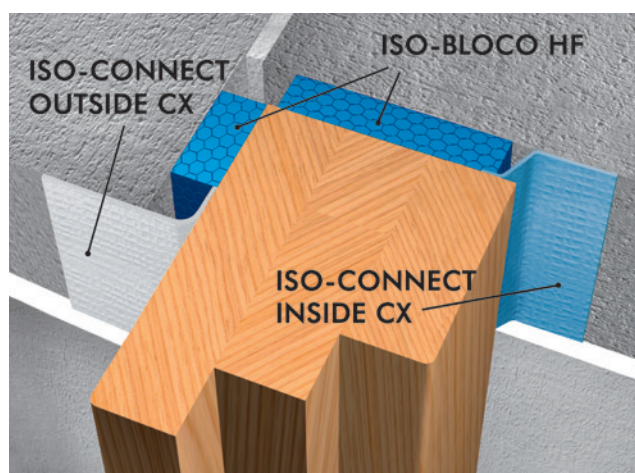
single side self-adhesive with 1 self-adhesive strip
alternative dimensions available on request

DIMENSIONS

width: 70, 90, 145, 180, 235, 290 mm

PACKAGING

rolls, roll length: 30 m



Installation example: ISO³-WINDOW SEALING SYSTEM