

PRODUCT DATA SHEET

ISO-CONNECT INSIDE CL



PRODUCT DESCRIPTION

ISO-CONNECT INSIDE CL is an extremely flexible, stretchable and tearproof special foil with very high adhesion that can be used for connection joints on windows, doors and panels to create a seal that is air tight and wind proof. ISO-CONNECT INSIDE CL is made from a pliable soft synthetic fleece. It is self-adhesive over the entire surface and has a self-adhesive strip to aid fitting. The fleece foil creates a vapour barrier which reliably separates the interior climate from the exterior. ISO-CONNECT INSIDE CL complies with the requirements of the Building Energy Act GEG and the RAL "installation guide".

APPLICATION

ISO-CONNECT INSIDE CL is used inside buildings for gluing over window connection joints; it adapts especially well to the substrate. This inside foil creates a reliable seal for movement joints. As it is extremely good for absorbing movement whilst offering high tensile strength, even significant component movements can be permanently compensated with this flexible window connection foil.

DIMENSIONS

width: 70, 100, 140, 200, 250, 350 mm

PACKAGING

rolls, roll length: 30 m

PRODUCT ADVANTAGES

- full surface adhesion with extreme bonding for easy installation
- high elasticity and flexible adaptation, compensates joint movement
- low inherent rigidity and at the same time high ultimate tensile strength for easy and effective application
- air tight and wind proof, vapour diffusion retardant
- driving rain and water resistant
- special fleece surface to enable plastering, painting or paisting over
- 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).

Finishes

COMPLETE



COMPLETE DUO



All COMPLETE versions with 2-way or 3-way split liner.
Special finishes available on request.

Foil ————— Self-adhesive strip - - - - -

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Technical data: foil	Standard	Classification
Material description		vapour diffusion impermeable synthetic fleece
Colour		white
Impermeable to driving rain	DIN EN 1027	$\geq 1.050 \text{ Pa}$
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	-40 °C to +90 °C
sd-value	DIN EN ISO 12572	approx. 30 m
Flexibility at -23 °C	internal	no breaks, no tears
Water column	DIN EN 13984 DIN EN 1928	200 mm
Blower-door-test	DIN EN 13829	n_{50} number fulfilled
Air tight connection	DIN 4108-7 SIA ÖNORM B5320	fulfilled
Fire behaviour	DIN EN 13501	E
Dimension tolerance	DIN 7715 part 5 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
Technical data: adhesive equipment	Standard	Classification
Base adhesive		solvent-free premium adhesive
Adhesion	DIN EN ISO 29862	$\geq 35 \text{ N}/25\text{mm}^*$
Temperature stability range		-40 °C to +90 °C
Ageing resistance		high

* Measured according to standard climate at 23 °C/50% RH. These values may vary depending on environmental factors (temperature, humidity, surface).

APPLICATION

The substrate for the surfaces to be bonded must be sound and solid. Remove all dust, release agents, oil or grease, and any moisture or ice. Remove the backing paper from the self-adhesive strip when sealing house door and window connections or panels. Then apply the foil, press down hard and roll with a roller. ISO-CONNECT INSIDE CL can also be pre-fitted in the workshop.

On areas which are to be plastered over, apply adhesive to the entire surface. As ISO-CONNECT INSIDE CL is self-adhesive over the entire surface, no additional bonding with an MS Polymer adhesive is required. Foil overlaps should be 50 mm wide. Plastering can start as soon as the adhesive has dried enough for the foil to bear the weight of the plaster. As there are so many external influences and surface finishes, always test a small sample before use to determine the adhesive properties. Also observe any notes in the installation instructions.



Installation example: ISO-CONNECT INSIDE CL

SERVICE

- standard sizes available from stock
- competent experienced technical support available in the field and by phone
- advice on installation and instruction on site