ISO-CONNECT OUTSIDE CL

PRODUCT DESCRIPTION

ISO-CONNECT OUTSIDE 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 resistant to driving rain. It is made from a pliable soft synthetic fleece and is self-adhesive over the entire surface making it easy to fit to the frame profile. The material of the vapour-permeable fleece foil allows moisture to be transported from the joint to the outside.

APPLICATION

ISO-CONNECT Outside CL is used as weather protection for connection joints on the outer shell of the building; it adapts especially well to the substrate. This external foil creates a reliable seal for movement joints. The foil's very low inherent rigidity allows it to be applied easily and precisely, even on angled structures. The foil can be used as a secondary sealing layer under the window sill, e.g. laid in the form of a trough.

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 permeable
- driving rain and water resistant
- up to 1 year UV light stability in any weather conditions
- 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 ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

ISO-CONNECT OUTSIDE CL

Technical data: foil	Standard	Classification
Material description		vapour diffusion permeable synthetic fleece
Colour		black
Impermeable to driving rain	DIN EN 1027	≥ 1.050 Pa
Air permeability coefficient	DIN EN 12114	airtight $a \leq 0.1$ m³/[h·m·(daPa)$^{2/3}$]
UV stability		approx. 12 months
Temperature stability range	internal	-40 °C to +90 °C
sd-value	DIN EN ISO 12572	≤ 0.5 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	≥ 35 N/25mm*
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 OUTSIDE CL can also be pre-fitted in the workshop.

As ISO-CONNECT OUTSIDE 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 OUTSIDE 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