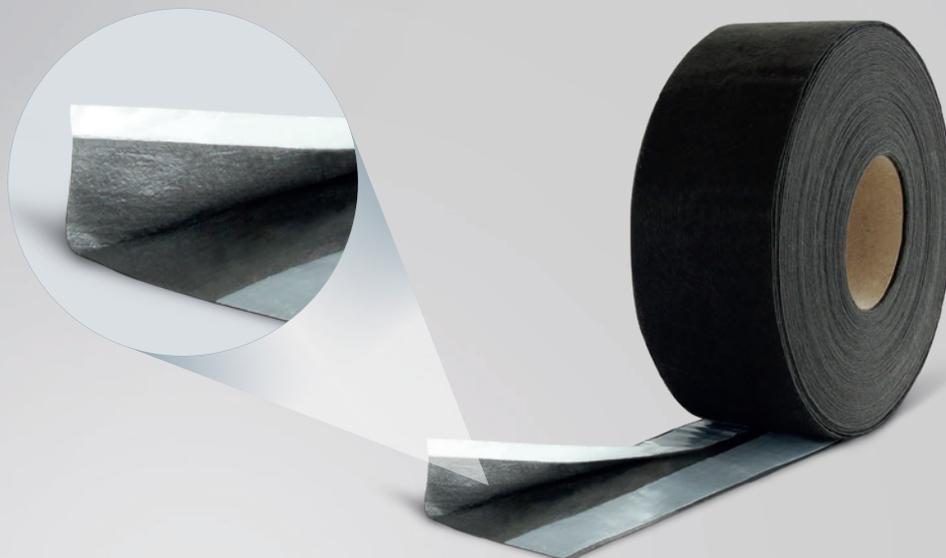


PRODUCT DATA SHEET

ISO-CONNECT VARIOFLEX SD+



PRODUCT DESCRIPTION

ISO-CONNECT VARIOFLEX SD+ is a highly flexible and stretchy special foil that can be used for connection joints for windows, doors and panels to create a seal that is airtight and windproof. ISO-CONNECT VARIOFLEX SD+ consists of a flexible soft plastic fleece and has very good adhesive properties. When the fold is closed of the fold (20 mm), the foil is used as the COMPLETE F with adhesive strips applied to one side. By opening the fold (20 mm), the COMPLETE F DUO with self-adhesive strips on both sides. A single foil can thus be used for all sealing applications between window frame and building structure.

APPLICATION

ISO-CONNECT VARIOFLEX SD+ is used in the interior and exterior of buildings for bonding over window connection joints; with its variable sd-value, it is particularly adaptable to the substrate. The principle of "tighter on the inside than on the outside" is therefore guaranteed at all times and in any climate. The foil creates a reliable seal for movement joints. As it is extremely good for absorbing movement whilst offering high tensile strength, it can compensate even for significant component movements.

PRODUCT ADVANTAGES

- fold technology for universal usability
- high stretchability and flexible adaptation
- variable sd value, can be used inside and out
- low inherent rigidity combined with high tensile strength for simple and precise application
- airtight and windproof
- resistant to driving rain and impermeable to water
- special fleece surface which is easy to plaster, paint or glue
- with self-adhesive strip for quick and effective fitting
- 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).

VERSIONS

By opening the 20 mm longitudinal fold, the variant COMPLETE F with self-adhesive on one side becomes the COMPLETE F DUO with alternating adhesive surfaces.



ISO-CONNECT VARIOFLEX SD+

Technical data: Foil	Standard	Classification
Material description		polymer fleece that is permeable to vapour diffusion
Colour		black
Resistance of joints to driving rain	DIN EN 1027	$\geq 1,050\text{Pa}$
Joint permeability coefficient	DIN EN 12114	airtight $\alpha \leq 0.1 \text{ m}^3/[\text{h}\cdot\text{m}\cdot(\text{daPa})^{2/3}]$
UV stability		approx. 8 months
Temperature resistance	internal	-40°C to +90°C
sd value	DIN EN ISO 12572	0.4 to 25 m depending on the moisture levels
Pliability at -23°C	internal	no breakage, no cracking
Fire behaviour	DIN EN 13501	E
Dimensional tolerance	DIN 7715 T5 P3	requirements fulfilled
Storage time		1 year, in original packaging and stored dry
Storage temperature		+1°C to +20°C

DIMENSIONS

Folded foil in working widths:

- 85 mm (folded 65+20 mm)
- 100 mm (folded 80+20 mm)
- 150 mm (folded 130+20 mm)
- 200 mm (folded 180+20 mm)

all with a 20 mm fold-out foil part.

Other dimensions available upon request.

PACKAGING

Supplied on rolls, roll length: 30 m

SERVICE

- fast standard delivery from stock
- knowledgeable commercial and technical advice
- advice on installation and on-site instruction

PROCESSING

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 to the frame and press down hard or roll with a roller. Then open the fold; the foil can now be stuck to the walls and rolled. ISO-CONNECT VARIOFLEX SD+ can be pre-fitted in the workshop. The folded shape allows the foil to lie flat and smooth against the frame; it is not unfolded until it is used on site. Full-surface bonding must be achieved in the area to be plastered over. Due to the one-sided self-adhesion in the folded state, 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. Adhesive repairs or separated areas can be reglued with ISO-TOP FLEX-ADHESIVE XP.