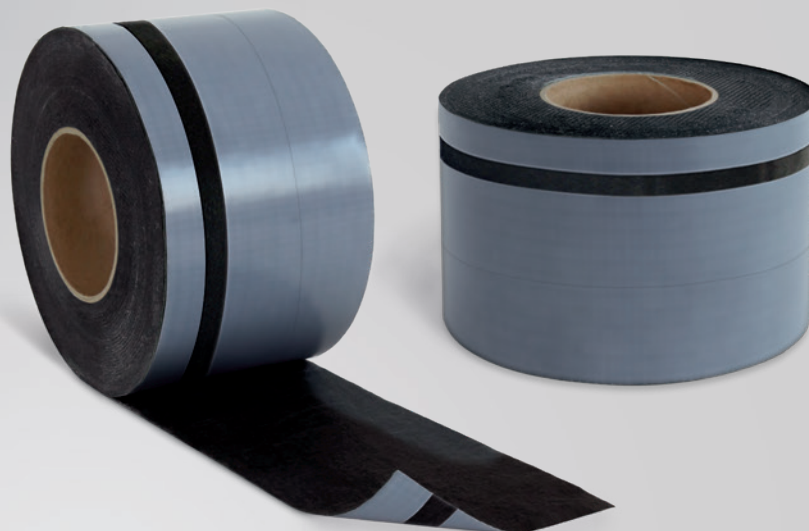


PRODUCT DATA SHEET

ISO-CONNECT VARIOFLEX SD



PRODUCT DESCRIPTION

ISO-CONNECT VARIOFLEX SD is a moisture-regulating film that can be used to seal connecting joints on windows, doors and panels. The moisture-viable special film adapts its sd value to the different temperature gradients from the inside to the outside or from the outside to the inside. The liner of ISO-CONNECT VARIOFLEX SD is particularly easy to remove thanks to the narrow, adhesive-free surface.

APPLICATION

ISO-CONNECT VARIOFLEX SD is suitable for sealing connecting joints in doors and windows both indoors and outdoors. The self-adhesive variants COMPLETE F and COMPLETE F DUO have the advantage that no additional bonding is required. is necessary.

DIMENSIONS

Widths versions COMPLETE F/COMPLETE F DUO:
70, 90, 140, 190 mm

PACKAGING

Supplied on rolls, roll length: 30 m

PRODUCT ADVANTAGES

- 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 and the recommendations of the RAL "installation guide"
- 10 Year Function Warranty*

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

Versions

COMPLETE F	
COMPLETE F DUO	

All COMPLETE-variants with 2-way or 3-way split liner.

Foil Self-adhesive strip



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 $+90^\circ\text{C}$
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		$+1^\circ\text{C}$ to $+20^\circ\text{C}$

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. The foil can then be applied to the mural and rolled on. ISO-CONNECT VARIOFLEX SD can be pre-fitted in the workshop. Full-surface bonding must be achieved in the area to be plastered over. Due to the one-sided self-adhesion, no additional bonding with an MS polymer adhesive is required. Foil overlaps should be $> 50\text{mm}$ 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.