

SWS Vario Extra

Revision: 15/02/2020

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Technical data

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|---|--------------|---|
| Material | | Non-woven synthetic fleece |
| Fire reaction class | EN 13501-1 | Class E (normal flammability) |
| Air permeability coefficient (in joint) | EN 1026 | $a \sim 0 \text{ m}^3/[\text{h.m.}(\text{daPa})\text{n}]$ |
| Impermeability to driving rain (in a joint) | EN 1027 | $\leq 1050 \text{ Pa}$ |
| UV light and weather stability | | $\geq 6 \text{ months}$ |
| Water vapor permeability (Sd) | EN ISO 12572 | The Sd-value is variable depending on average humidity. Value is situated between 0.03 m (vapour open) and 15 m (vapour barrier). |
| Temperature resistance** | | $-40 \text{ }^\circ\text{C} \rightarrow 80 \text{ }^\circ\text{C}$ |
| Application temperature | | $-5 \text{ }^\circ\text{C} \rightarrow 45 \text{ }^\circ\text{C}$ |

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

SWS Vario Extra is a flexible, full-surface self-adhesive foil for the moisture-regulating, air- and driving rain tight sealing of connections around windows, doors and panels. Suitable for both interior and exterior applications. The printed side of the foil contains a self-adhesive strip for easy and efficient installing onto the window profile. The rear side of the foil contains a powerful, full-surface, self-adhesive layer for fixing to the structure. Due to its special properties, the sd-value adapts to the seasonal differences in temperature and humidity that occur in the connection joints. This allows a weather-independent transport of moisture from inside to outside or from outside to inside. This keeps the connection joint dry throughout the year and prevents condensation damage.

Properties

- Airtight
- Driving rain tight
- Moisture regulating and consequently a high drying effect of the joint
- Self-adhesive full surface layer for fixing to the structure (pressure sensitive)
- Self-adhesive strip for installing onto the window profile (pressure sensitive)
- Only 1 foil for both indoor and outdoor applications

- Flexible
- Suitable for plastering and pasting over
- 2- or 3-way split liner (depending on the width)
- UV-resistant
- Good temperature resistance
- Easy installation, easy folding in the corners
- Tear resistant
- Complies with the requirements according to DIN 4108 (EnEv) and the recommendations of the RAL installation guide.
- Part of SWS (Soudal Window System)

Applications

On the in- and outside, for moisture-regulating, air- and driving rain tight finishing of:

- Wall connections
- Window connections:
 - inside inner leaf (reveal area)
 - outside inner leaf (prior to application of the facade insulation)
 - under the window (or door) sill
 - inside massive walls
 - outside massive walls
 - outside ventilated facades

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Packaging*Colour:* white*Packaging:* roll (in a box)*Length (m):* 30*Thickness (mm):* 1*Width (mm):* 70, 100, 140, 200, 290

Other dimensions are available upon request.

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Substrates*Substrates:* all usual building substrates*Nature:* rigid, clean, dry, free of dust and grease.*Surface preparation:* A preliminary adhesion test on every surface is recommended. Porous surfaces should be treated with Soudal Primer 150.**Application method***Application method:* SWS Vario Extra may be applied both on the inside and outside.

Depending on the situation, the installation of SWS Vario Extra can be carried out before or after the installation of the façade element (eg window frame). There are 2 methods to apply the SWS Vario Extra. It's possible to work with one (longer) single strip or with 4 separate strips. In both cases, extra material must be provided for the corners (approx. 5 to 10 cm per corner). Apply the foil, after unrolling and removing the release liner, with the self-adhesive strip (on the printed) side to the side of the façade element OR remove the split liner from the small adhesive strip on the non printed side and apply the foil on the front of the façade element. Always ensure that the text is readable towards the view sight.

Remove evenly the remaining split liner. Apply the foil, not too tight, on the structure to absorb any movements between the various building elements but avoid folds. The adhesive layer of the foil is pressure-sensitive, the more firmly one presses, the better the adhesion. To do

this, use a pressure roller.

Cleaning: Adhesive residues can be removed with Soudal Adhesive Remover-CT or Soudal Surface Cleaner.*Repair:* With the same material.**Health- and Safety Recommendations**

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- Both the temperature of SWS Vario Extra and of the substrate must be within the reach of the application temperature.
- Do not use on surfaces where condensation is present.

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