

SWS Inside Extra

Revision: 1/07/2021

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Technical data

Material		Non-woven synthetic fleece
Adhesive layer		Acrylic dispersion
Release liner		Siliconized foil
Tensile strength (longitudinal)	EN 12311-1	≥ 120 N/50mm
Tensile strength (transverse)	EN 12311-1	≥ 230 N/50mm
Elongation at break (longitudinal)	EN 12311-1	≥ 30 %
Elongation at break (transverse)	EN 12311-1	≥ 230 %
Fire reaction class	EN 13501-1	Class E (normal flammability)
Air permeability coefficient (in joint)	EN 1026	$a \leq 0,1 \text{ m}^3/[\text{h.m.}(\text{daPa})\text{n}]$
Water vapor permeability (Sd)	EN ISO 12572	≥ 47 m
Weight		415 g/m ² (+/- 10%)
Temperature resistance**		-30 °C → 80 °C
Application temperature		-10 °C → 35 °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 Inside Extra is a flexible, full-surface self-adhesive foil for vapor-inhibiting and airtight sealing of connections around windows, doors and panels. Suitable for interior applications only. 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. Thanks to the soft, synthetic fleece, the foil can immediately plastered and bonded on.

Properties

- Airtight
- Vapour retardant
- Self-adhesive full surface layer for fixing to the structure (pressure sensitive)
- Self-adhesive strip for installing onto the window profile (pressure sensitive)
- Flexible
- Suitable for plastering and pasting over
- 2- or 3-way split liner (depending on the width)
- Tear resistant
- Good temperature resistance
- Cold applied (no additional adhesive required)
- No drying time, continue working immediately

- Easy installation, easy folding in the corners
- 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 inside, for vapor-inhibiting and airtight finishing of:

- Wall connections
- Window connections:
 - inside inner leaf (reveal area)
 - outside inner leaf (prior to application of the facade insulation)
 - inside massive walls

Packaging

Colour: pink

Packaging: roll (in a box)

Length (m): 30

Thickness (mm): 75

Width (mm): 70, 100, 150, 200, 250, 300

Other dimensions are available upon request.

Shelf life

At least 24 months in original, unopened packaging at a cool and dry storage place, between +5°C and +25°C.

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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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.

Remarks

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

Application method

Application method: SWS Inside Extra may only be applied on the inside. Depending on the situation, the installation of SWS Inside 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 Inside 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 tape 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.

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