

SWS Outside Tape

Revision: 15/02/2020

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Technical data

Material		Non-woven synthetic fleece
Elongation at break (longitudinal)	EN ISO 527-1	≥ 30 %
Elongation at break (transverse)	EN ISO 527-1	≥ 130 %
UV light and weather stability		≥ 6 months
Water vapor permeability (Sd)	EN ISO 12572	≤ 0,04 m
Temperature resistance**		-40 °C → 100 °C
Application temperature		5 °C → 40 °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 Outside Tape is a flexible foil for vapor open, air- and driving rain tight sealing of connections around windows, doors and panels. Suitable for exterior 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 self-adhesive butyl strip for initial adhesion to the structure/masonry. For permanent fixing, the rear side of the foil needs to be bonded to the structure by means of Soudafoil 360H. Thanks to the soft, synthetic fleece, the foil can immediately be plastered and bonded on.

Properties

- Airtight
- Driving rain tight
- Vapor open
- Self-adhesive strip for installing onto the window profile (pressure sensitive)
- Self-adhesive butyl strip for initial adhesion to the structure
- 8 N/10mm = adhesive strength self-adhesive strip
- 33 N/10mm = adhesive strength self-adhesive butyl strip
- 200 mm water resistance
- Flexible
- UV-resistant
- Suitable for plastering and pasting over
- Tear resistant
- Good temperature resistance
- Suitable for uneven surfaces

- 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 outside, for vapor open, air- and driving rain tight finishing of:

- Wall connections (also on uneven surfaces)
- Window connections:
 - outside massive walls
 - outside ventilated facades
 - under the window (or door) sill

Packaging

Colour: white

Packaging: roll (in a box)

Length (m): 25

Thickness (mm): 1,3

Width (mm): 70, 100, 150

Shelf life

At least 12 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.

Application method

Application method: SWS Outside Tape may only be applied on the outside. Depending on the situation, the installation of SWS Outside Tape can be carried out before or after the installation of the façade element (eg window frame). There are 2 methods to apply the SWS Outside Tape. 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. If the foil is bonded to the front of the façade element, it can be folded over. Always ensure that the text is readable towards the view sight. To fix the foil to the structure/masonry, Soudafoil 360H must be used. Apply the adhesive in continuous, uninterrupted beads with a diameter of 5 mm in a zigzag pattern on the structure/masonry. Place SWS Outside Tape in the freshly applied adhesive beads and apply the self-adhesive butyl strip to the structure for initial adhesion. Apply the foil, not too tight, on the structure to absorb any movements between the various building elements but avoid folds. Then press the foil evenly, with a pressure roller, so that a 1 to 2 mm thick adhesive layer of approx. 25 mm wide is obtained. That way there is sufficient bonding surface and the adhesive can cure well.

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 Outside Tape 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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