

SWS Spray Primer

Revision: 24/03/2022

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Technical data

Basis	Synthetic rubber
Curing system	Physical drying
Open time (23°C, 55% RV)*	Ca. 120 min.
Evaporation time (=minimum time before bonding)	Ca. 5 min
Consumption*	100 - 300 ml/m ²
Spray pattern	Web
Temperature resistance**	-20 °C → 60 °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 Spray Primer is a high-quality, ready-to-use, sprayable adhesion promotor in aerosol packaging, that can be used as pretreatment for building substrates when processing Soudal adhesive tapes. SWS Spray Primer is specifically designed to improve the adhesion of the SWS window tapes and the Soudatape range in case of slightly dusty, slightly damp or cold substrates.

Properties

- Improves adhesion
- Easy to apply
- Ready to use and very user-friendly
- Suitable for slightly dusty, slightly moist or cold surfaces
- Short evaporation time
- Long open time
- Good adhesion to many materials
- For in- and outdoor use
- Moisture resistant
- Doesn't contain toluene- and methylene chloride
- Part of SWS (Soudal Window System)

Applications

- As pre-treatment of building substrates such as masonry, wood, wood-fibre boards, subfloors, etc. when processing Soudal adhesive tapes.
- Improving the adhesion of SWS window tapes and the Soudatape range on slightly dusty, slightly moist or cold substrates.

- In particular, suitable for use in combination with SWS Inside Extra, SWS Outside Extra and SWS Vario Extra, Soudatape Connect, Soudatape Facade and Soudatape Flex.
- Suitable for pré-compressed joint sealing tapes.

Packaging

Colour: transparent

Packaging: 500 ml aerosol

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C. Upright storage is recommended. The product should be stored in accordance to the rules of storage of inflammable substances. Consult material safety data sheet for more information.

Substrates

Nature: Clean and free of grease. Slightly moist or slightly dusty substrates are no problem.

Surface preparation: No pretreatment required. A preliminary adhesion test on every surface is recommended.

SWS Spray Primer has excellent adhesion on most substrates. Not suitable for PE, PP, PTFE (eg. Teflon®) and bituminous substrates. Not suitable for continuous underwater use.

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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Application method

Application method: Shake can well before use. When processing keep the aerosol can at all times upright and fully press the nozzle. Spray at a distance of appr. 20 cm of the object. Apply SWS Spray Primer to the substrate in a width corresponding to the width of the Soudal adhesive tape to be used. Spray the lanes over the surface, preferably having a halfway overlap of the previous lane in order to have covered the whole surface with 2 layers. Two light coats (with overlap) give better results than one thick coat. Wait at least 5 minutes (at 23°C and 50% R.H.) and then apply the adhesive Soudal tape. Then press firmly together. When making a bond, the applied pressure and not the duration of the compression will determine the ultimate strength. After spraying, hold the can upside down and press the spray head until only propellant and no more product comes out to prevent clogging up of the spray can.

Can temperature: +5 °C - 35 °C

Ambient temperature: -10 °C - 35 °C

Surface Temperature: -10 °C - 35 °C

- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.
- Given the great diversity of possible surfaces, it is recommended to perform an adhesion test on both substrates prior to application.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well-ventilated areas. In case of insufficient ventilation it is appropriate to wear respiratory protection. Consult label and material safety data sheet for more information. Since the can contains flammable propellant, all possible ignition sources should be removed before application.

Remarks

- SWS Spray Primer is sticky but is not suitable for permanent bonding.
- Not suitable for use in combination with SWS Inside Standard and SWS Outside Standard.
- Do not use in applications where continuous water immersion is possible.
- Not suitable for synthetic materials with a high percentage of plasticizer.

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