

# Fugendichtband SMART

Compressed sealing tape made of impregnated soft foam



## AREAS OF APPLICATION

Precompressed sealing tape for outdoor use.

Specifically for installation behind the window sill screw plate and the window frame, in particular for sealing when inserting into the window sill groove of the window frame.

## PRODUCT PROPERTIES

- Stress group BG 1 according to DIN 18542
- Self-adhesive
- Joint width slowly expands
- Completely impregnated
- Resistance to water penetration under driving rain within the area of application of 3 mm expansion

## TECHNICAL DATA

Material	Flexible polyurethane foam
Building materials class	B1 according to DIN 4102 (between solid mineral components)
Resistance to high and low temperatures	-30 to +90 °C
Thermal conductivity	$\leq 0,048 \text{ W/(mK)}$
Dimensioning	Height of the tape/ joint width: 24/3 mm
Water vapour diffusion, sd value	< 0,5 m
Tightness against driving rain	600 Pa according to EN 1027
Weather-resistant	BG1 according to DIN 18542
Joint permeability	$a < 1,0 \text{ m}^3/[\text{hm}(\text{daPa})^n]$ according to DIN 18542
Airtightness	$a < 1,0 \text{ m}^3/[\text{hm}(\text{daPa})^{2/3}]$ according to DIN 18542

**APPLICATION INSTRUCTIONS**

Substrate pre-treatment	All substrates must be stable, level, dry and free of any residue, which can reduce adhesiveness (e.g. oils, greases, loose particles).
Application	Measure the required length of the joint precisely. When cutting the tape to length, add at least 2cm/m as an expansion buffer. Cut off the SMART joint sealing tape straight and adhere it to the screw plat of the window sill. At the same time, respectively place approx. 5 cm of the joint sealing tape around the edge profile. The tape begins to expand as soon as there is no more compression. Please make sure that a continuous sealing layer forms. To do so, place both ends of the joint sealing tape close to one another in the area of the joint.
Consumption	Dependent on the local circumstances at the place of installation. Determine the precise material requirements on the respective object.
Application temperature	Max. temperature: + 25 °C Expansion is increased by higher temperatures.
Informations	Weigh down remaining rolls in opened boxes, to avoid an expanding (telescoping) of the rolls. Here, joint sealing tape dispensers or clamps can be helpful.

**STORAGE**

Dry, cool, protected against sunlight and moisture.

**PACKAGING INFORMATION**

Colour	Charcoal coloured
Packaging unit	10 m / roll

**OTHER INFORMATION**

Information on safety	We are more than happy to provide you with the EC safety data sheet upon request.
Transportation	Not a hazardous material

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

