

Technical Data Sheet

Sto-Joint Sealing Tape 2D

Compressed joint sealing tape made of impregnated flexible foam



Characteristics

Areas of application

- for sealing connections to adjoining building elements on facade insulation systems
- for joint widths of 2 - 6 mm and 5 - 12 mm
- not suitable for joints and connections with large movements (e.g. structural expansion joints)
- for timber frame construction, we recommend Sto-Joint Sealing Tape Lento

Properties

- resistant to driving rain in accordance with DIN 18542 BG 1
- impregnated sides
- rapidly expanding
- self-adhesive

Format

- tape/joint width:
15/2-6 mm
15/5-12 mm

Information/notes

- resistance to driving rain in accordance with DIN 18542 Load-Group BG 1 is only assured if the joint width lies within the range of use (2-6 mm or 5-12 mm).
- building material class B2 to DIN 4102

Technical data

Criterion	Standard / test regulation	Value/ Unit	Notes
Factor μ for resistance to water vapour diffusion	EN ISO 12572	< 100	
Thermal conductivity	DIN 52612	0.04 W/(m*K)	Raw foam
Apparent density		33 - 36 g/cm ³	
Temperature resistance		-30 - 90 °C	
Resistance to driving rain	EN 1027	600 Pa	
Resistance to weathering	DIN 18542	BG 1	
Joint permeability	EN 1026	< 0.1 m ³ /[h*m*(daPa) ⁿ]	

The characteristic values stated are average values or approx. values. We use natural raw materials in our products, which means that the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended purpose.

Substrate

Requirements

Robust, level, dry substrate - free from substances that can adversely affect an adhesive bond (e.g. grease, dirt).

Application

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Consumption	Application	Approx. consumption	
		1.00	m/m

The consumption of the material depends on the application method, substrate and consistency, amongst other factors. The stated consumption rate is only to be used as a guide. Where required, precise consumption values should be established on the respective project.

Application	<p>Precisely measure the length of the joint. Add a centimetre of "expansion buffer" per metre of joint sealing tape required. Cut off the joint sealing tape in a straight line. Peel the cover strip off the self-adhesive side and press the tape gently onto the joint flank.</p> <p>The tape expands as soon as the compression pressure is discontinued. If the tape expands too much (e.g. more than 6 mm in Type 15/2-6), it must be recompressed again before the adjacent insulation boards are attached. It is recommended to always prepare the insulation boards prior to applying the joint sealing tape.</p> <p>Ensure a continuous sealing level. Both ends of the joint sealing tape should overlap by approx. 15 mm in the joint area. The joint sealing tape must be compressed on the outer edges; this is the only way to ensure impermeability (see figure). Two joint sealing tapes are butt-jointed at the internal corners.</p> <p>The joint sealing tape can be reworked with render. To avoid any uncontrolled separation, the subsequent reinforcement and the top coat must be separated from the adjacent building elements by a struck joint.</p>
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Cleaning tools	Clean with acetone or with water and soap.
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Indications, recommendations, general information, miscellaneous	Weigh down remaining rolls in open boxes to avoid any unrolling of the tape (telescoping). Storage in a cool location is recommended.
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Delivery

Colour range	anthracite
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Packaging	Roll
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Storage

Storage conditions	Store in dry conditions.
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Certificates / approvals

P - NDS04 - 748	Sto-Fugendichtband 2D - Baustoffklasse B2 Allgemeines bauaufsichtliches Prüfzeugnis
Prüfbericht Nr. 010308 - Sz	Sto-Fugendichtband 2D Prüfung der Schlagregen- und Luftdichtigkeit

Identification

Product group	EWIS accessories
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Safety	For the safety data sheet, please visit www.sto.com .
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Please take note of the information regarding the handling of the product, its storage and disposal.

Special information

The information and data in this Technical Data Sheet is intended for common applications and the product's suitability for these, and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use. Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation with Sto. Where no approval is given, such applications are at the risk of the user. This applies in particular when the product is used in combination with other products. When a new Technical Data Sheet is published, all previous technical data sheets are no longer valid. For the latest version, please visit www.sto.com.

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Compress the joint sealing tape at the edges

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