

Fugendichtband Dehnfuge

Compressed sealing tape made of impregnated soft foam



AREAS OF APPLICATION

Pre-compressed sealing tape for the sealing of connections to adjacent components in alsecco facade systems, e.g. on window sills, roofs, attics, expansion joints.

PRODUCT PROPERTIES

- Stress group BG 1 according to DIN 18542
- Permeable and windproof
- Flexible, self-adhesive
- Resistant to water penetration under driving rain within the defined area of application
- Completely impregnated with flame retardant resin
- Weatherproof and UV resistant

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 °C - +90 °C
Thermal conductivity	≤ 0,048 W/(mK) according to DIN 52612
Water vapour diffusion resistance μ	≤ 100

Dimensioning	Typ2	Joint width in mm:	Minimum joint depth in mm:
	30/13-24	13-24	30
	37/17-32	17-32	37
	47/28-40	28-40	47

Tightness against driving rain 600 Pa according to DIN 18542 at maximum permissible joint width



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	<p>Installation can be carried out before, during or after the bonding of the insulation boards.</p> <p>When cutting the tape to length, add at least 2 cm per metre measured length.</p> <p>To prevent the joint sealing tape from bulging beyond the front edge of the joint flank, the tape should be slightly recessed.</p> <p>Stick the respective length of the sealing tape onto the clean substrate and butt insulation boards together.</p> <p>Always form a butt joint with the ends of the tape.</p> <p>You do not need to observe reset times.</p> <p>Adjust the type of sealing tape to the joint width and the expected movement.</p> <p>Render systems must be completed with a joint, to enable an uninterrupted movement of the joint sealing tape</p>
Application temperature	Ideal application temperatures are between +8 °C and +25 °C. Expansion takes place quicker in higher temperatures and slower in lower temperatures.
Informations	Weigh down remaining rolls in opened boxes, to avoid an expanding (telescoping) of the rolls. Here, joint sealing tape clamps can be helpful.

STORAGE

Dry, cool, protected against sunlight and moisture.
Shelf life of at least 2 years at +1 °C to +20 °C.

PACKAGING INFORMATION

Colour	Charcoal coloured
Packaging unit	30/13-24 roll 5,2 m / box 10 rolls 37/17-32 roll 4,0 m / box 8 rolls 47/28-40 roll 2,7 m / box 6 rolls

OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
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.



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