

Product information

VITO FUGENBAND BG2

Joint sealing tape

Description

VITO FUGENBAND BG2 is a self-adhesive pre-compressed joint sealing tape based on polyurethane foam, saturated with an acrylic impregnation.



Properties

The tape corresponds to DIN 18542:2009 / Stress Group2.

The product exceeds the requirements of driving rain tightness and air-tightness of EN 12207, class 3.

Application

VITO FUGENBAND BG2 is used universally for sealing joints in building construction when not exposed to direct weather. E.g. in window construction, wood construction, prefabricated construction, framework construction and concrete construction. The use there is particularly beneficial for sealing connection joints and expansion joints between different components. It is also used for the windproof sealing of foils in roof extensions.

Technical data and product properties

carrier	PUR foam with impregnation
adhesive	acrylic dispersion
colour	grey
stress group (DIN 18542:2009)	BG2
fire behaviour / building material class (DIN 4102-1)	B2 (P-NDS04-285, MPA Hannover)
temperature resistance	-30 °C to 100 °C / short term 130 °C
joint permeability (DIN EN 12114)	$\alpha \leq 1 \text{ m}^3/[\text{h}\cdot\text{m}\cdot(\text{daPa})^{2/3}]$
driving rain tightness (DIN EN 1027)	$\geq 300 \text{ Pa}$ values up to 600 Pa are attainable, depending on compression and joint width
water vapour diffusion (DIN EN ISO 12572)	$s_d < 0,5 \text{ m}$
thermal conductivity (DIN EN 12667)	$\lambda = 0.0396 \text{ W/m}\cdot\text{K}$
compatibility with adjoining building materials (DIN 18542:2009)	passed

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Processing

Please follow instruction manual which is enclosed in the packaging.

Storage and shelf life

Unprocessed in the original cardboard box 24 month starting from production date at room temperature and a relative atmospheric humidity of 60 %.

Environment

VITO FUGENBAND BG2 has very low emissions.

Safety instructions

The product is not classified as dangerous according to EU guidelines. However, we recommend to treat the product with the usual care and hygienic precaution usually applied when handling chemical substances.

Special Information

The data and technical information presented are characteristic or average data. All advices are given to the best of our knowledge. We reserve the right to make technical changes that are in the interest of progress. You are kindly requested to conduct your own tests to determine the suitability of our product for your application. Our General Conditions answer any questions on guarantees and liabilities for these products unless other legal regulations apply.

If you need further information about product safety, conformance, REACH or RoHS please send your e-mail to info@vito-irmen.de.

version: 12/2023 Fi