

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 (former designation DIN 18055, group C).

Application

The product is appropriate for the sealing of joints at windows and doors, in particular in connection with profiles and heat insulating systems.

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 EN 13501)	E (P-ND S04-285, MPA Bau 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
weathering resistance outdoor weathering	> 15 years
tensile strength (DIN EN ISO 1798)	> 90 kPa
elongation at break (DIN EN ISO 1798)	> 200 %
compressive strength at 40 % deformation (DIN EN ISO 3386)	3.0 kPa \pm 15 %
compatibility with conventional building materials and resistance to alkaline substances (DIN 18542:2009)	passed

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water vapour diffusion (DIN EN ISO 12572)	$s_d < 0,5 \text{ m}$
thermal conductivity (DIN EN 12667)	$\lambda = 0.0396 \text{ W/m}\cdot\text{K}$

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

All data and technical information presented are based on laboratory tests or have been compiled from supplier information to the best of our knowledge. A guarantee that the values are complete and correct can however not be given. You are kindly requested to conduct your own tests to determine the suitability of our product for your applications. Our General Conditions answer any questions on guarantees and liabilities for these products insofar as no 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: 09/2015 Fi