

Product Information VITO-FUGENBAND BG 2

Joint Sealing Tape Corresponds to DIN 18 542:2009 / Stress Group 2

Description Consists of a pre-compressed joint sealing tape based on polyurethane foam, saturated with an acrylic impregnation.

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

Product Properties (Not for specification use)	
carrier	PUR foam with impregnation
adhesive	acrylic dispersion
colour	grey
tensile strength DIN EN ISO 1798	> 90 kPa
elongation at break DIN EN ISO 1798	> 200 %
compressive strength at a compression of 40 % DIN EN ISO 3386	3.0 kPa ± 15 %
fire behaviour / building material class DIN EN 13501	E (P-NDS04-285, MPA Bau Hannover)
temperature resistance	-30 °C until +100 °C / +130 °C at short term
coefficient of joint permeability at 10 Pa DIN EN 1026	$\alpha \leq 1,0 \text{ m}^3/[\text{h}\cdot\text{m}\cdot(\text{daPa})^n]$
air permeability DIN EN 1026	$\alpha \leq 1,0 \text{ m}^3/[\text{h}\cdot\text{m}\cdot(\text{daPa})^{2/3}]$
heavy rain tightness DIN EN 1027	≥ 300 Pa values up to 600 Pa are attainable, depending on compression and joint width
weathering resistance outdoor weathering	> 15 years
compatibility with commercially available building materials and resistance to alkaline substances DIN 18 542	passed
water vapour diffusion DIN EN ISO 12 572	$s_d < 0.5 \text{ m}$
thermal conductivity DIN 52 612	$\lambda = 0.0396 \text{ W/m}\cdot\text{K}$

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