

Hannoband BG2 Hannoband BG2 XL

Product Description

Joint sealing tape of polyurethane soft foam with acrylate dispersion impregnation, accessory agents and filling agents. 3-Level joint sealing system component.



Product Properties

- Corresponds to DIN 18542:2009, stress group 2, Materialprüfungsanstalt für das Bauwesen (Materials testing Agency), Hanover
- Function guarantee*
- The heavy rain tightness and air permeability requirements of DIN EN 12207, Class 3 (former designation: DIN 18055, Group C), are exceeded
- Heavy rainproofness (EN 1027) ≥ 300 Pa
Values ≤ 600 Pa achievable depending on the compression and joint width
- "very low emission Plus" EMICODE-EC1^{Plus}

* when using all of the Hanno system components, according to manufacturer's instructions

Form of Delivery

This tape comes also in extended roll length as Hannoband BG1 XL. Pre-compressed: on rolls, self-adhesive from one side, roll length: 2–24 m, depending on the material density. Available in widths of 10–1000 mm.

Areas of Application

Hannoband BG2 can be put to universal use for the sealing of joints in structural engineering. The preferential areas of use are window construction, wood construction, prefabricated construction, framework construction and concrete construction. Hannoband BG2 especially provides advantages when it comes to sealing connection joints and expansion joints between various building components and when sealing foils in roof extensions so that they are windproof. Hannoband BG2 on the roll can be put to universal use and can also be inserted in existing joints due to the high level of pre-compression.

Technical Data Sheet

Properties	Standard	Value
Colour		grey
Stress group	DIN 18542:2009	BG2
Fire behaviour / Building material class	DIN EN 13501	E
Temperature resistant		between -30 °C and 100 °C, max. 130 °C briefly
Joint permeability	DIN EN 1026	$a_n \leq 1 \text{ (m}^3 / \text{h m dPa)}^{1/2}$
Heavy rain tightness	DIN EN 1027	$\geq 300 \text{ Pa}$
Weathering resistance		> 15 years outdoor weathering
Compatibility with conventional building materials	DIN 18542:2009	yes
Tensile strength	DIN EN ISO 1798	> 90 kPa
Elongation at break	DIN EN ISO 1798	> 200 %
Compressive strain deformation	DIN EN ISO 3386	3,0 kPa ($\pm 15 \%$), 40 % deformation
Properties		
Water vapour diffusion	DIN EN ISO 12572	$s_d < 0,5 \text{ m}$
Caloric conductivity	DIN 52612	$\lambda = 0,0396 \text{ W / m.K}$
Emissions	EMICODE	EC1 ^{Plus}
Storage stability		24 months from the date of production

Cleaning

The skin can be cleaned with soap and water. Residue adhesive can be removed with a petroleum-based cleaning agent. Observe the safety regulations.

Disposal

Residue tape can be disposed of in the household waste. The local regulations are to be adhered to.

Additional Information

This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The right to make technical changes is reserved.

