

Technical Datasheet

Hannoband[®]-BG 2

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
- 5-year function guarantee (in accordance with manufacturer's conditions).
- 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



Areas of application

Hannoband[®]-BG 2 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[®]-BG 2 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[®]-BG 2 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.

Instructions for use

Please adhere to the instructions for use which are enclosed in each of the boxes.

Form of delivery

Pre-compressed: on rolls, self-adhesive from one side, roll length: 2–12 m, depending on the material density. Available in widths of 10–1000 mm.

Cleaning

The skin can be cleaned with soap and water. The impregnate and/or residue adhesive can be removed with a petroleum-based cleaning agent. Please observe the safety regulations.

Disposal

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

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Special instructions

Technical data and test reports in revision in accordance with the new DIN E 18542:2008

Technical Data

Colour		grey, black
Stress group	DIN 18542:2009	BG2, 092614.1 MPA*
Fire behaviour / Building material class	DIN 4102, T1	B2, P-NDS04-215 MPA*
Temperature resistance		between - 30° C and 100° C, max. 130° C briefly
Joint permeability	DIN EN 1026	$a_n \leq 1 \text{ m}^3/\text{h.m.}(\text{daPa})^{2/3}$, 092614.1 MPA*
Heavy rain tightness	DIN EN 1027	$\geq 300 \text{ Pa}$, 092614.1 MPA*
Weathering resistance	artificial weathering outdoor weathering	> 10 years 841.1219-5 MPA2* > 15 years 2009.1115 MPA2*
Compatibility with adjacent building materials	DIN 18542:2009	yes, 092614.1 MPA*
Resistance to alkaline media	DIN 18542:2009	yes, 092614.1 MPA*
Tensile strength	DIN EN ISO 1798	> 90 kPa
Elongation at break	DIN EN ISO 1798	> 200 %
Compressive strain deformation Properties	DIN EN ISO 3386	3,0 kPa ($\pm 15 \%$), 40 % deformation
Water vapour diffusion	DIN EN ISO 12572	$sd < 0,5 \text{ m}$, 092614.1 MPA*
Caloric conductivity	DIN 52 612	$\lambda = 0,07 \text{ W / m.K}$
Ecological expertise		...completely harmless... , eco* (please request the full wording of the expertise)
Storage stability		18 months from the date of production

* MPA: Material Testing Agency for the Construction Industry; eco: eco- Environmental Institute, Cologne; MPA2: MPA-Hanover, Material testing laboratory

Safety instructions

On the basis of existing data and experience, the product is not hazardous material in the meaning of the Hazardous Material Regulations and the corresponding EC directives. We recommend however that you take the same care and use the same hygiene as with chemical materials.

Guarantee instructions

This data sheet provides non-binding information without the assumption of a guarantee. The stipulated instructions for use are to be adapted to the given conditions. The user is obligated to validating the suitability and application possibility of the product by testing it himself, so as to avoid failures for which we assume no liability. The right to make technical changes are reserved. You will find the latest version of this datasheet under www.hanno.com.