

# Technical Data Sheet

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), Hannover
- 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)  $\geq 300$  Pa  
Values  $\leq 600$  Pa achievable depending on the compression and joint width
- "very low emission Plus" EMICODE®-EC1<sup>Plus</sup>

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

## 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.

## 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.

## Instructions for use

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

## Dimensions

dimension	joint depth	application range*	
		min.	max.
8/1,5-2,5	8		
10/1,5-2,5	10		
15/1,5-2,5	15	1,5	2,5
20/1,5-2,5	20		
10/2-4	10		
15/2-4	15	2	4
20/2-4	20		
15/3-7	15		
20/3-7	20	3	7
15/5-9	15		
20/5-9	20	5	9
30/5-9	30		
15/7-12	15		
20/7-12	20	7	12
30/7-12	30		
20/8-15	20		
25/8-15	25	8	15
30/8-15	30		

## 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.

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## Technical Data

Colour		grey, black
Stress group	DIN 18542:2009	BG2, 092614.1 MPA*
Fire behaviour / Building material class	DIN EN 13501	E, P-NDS04-215 MPA*
Temperature resistant		between - 30° C and 100° C, max. 130° C briefly
Joint permeability	DIN EN 1026	$a_n \leq 1 \text{ (m}^3 / \text{h m dPa)}^{1/2}$ , 092614.1 MPA*
Heavy rain tightness	DIN EN 1027	$\geq 300 \text{ Pa}$ , 092614.1 MPA*
Weathering resistance	outdoor weathering:	> 15 years, 2009.1115 MPA2*
Compatibility with conventional building materials	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 52612	$\lambda = 0,0396 \text{ W / m.K}$
Emissions	EMICODE®	EC1 <sup>Plus</sup> (2774/03.03.2010 GEV*)
Storage stability		24 months from the date of production

\* MPA: Material Testing Agency for the Construction Industry, Hanover; MPA2: MPA-Hanover, Material testing laboratory; GEV: Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials

## 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.

## Restriction of liability

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at [www.hanno.com](http://www.hanno.com), apply. This data sheet provides non-binding information without the assurance of 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 is reserved. You can request the latest version of this datasheet from [info@hanno.com](mailto:info@hanno.com).