

Technical Data Sheet

Hannoband®-BG1

Hannoband®-BG1 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

- CE ETA 06/0083 – LE/DoP 001/BG1/130625
- DIN 18542:2009, stress group 1, Materialprüfungsanstalt für das Bauwesen (Materials testing Agency), Hanover
- 10-year function guarantee*
- The heavy rain tightness and air permeability requirements of DIN EN 12207, Class 3 (former designation: DIN 18055, Group C), are exceeded.
- "very low emission Plus" EMICODE®-EC1^{Plus}
- externally monitored by the MPA Material Testing Agency for the Construction Industry, Hanover and Kiwa N.V.

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

Areas of application

Hannoband®-BG 1 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 and masonry, framework construction and concrete construction. Hannoband®-BG 1 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 1 is especially used in interior work for the sealing of connection joints due to its good sound insulation values. Hannoband®-BG 1 on the roll can be put to universal use and can also be inserted in existing joints due to the precompression.

Instructions for use

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

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.

Dimensions

dimension	joint depth	application range*	
		min.	max.
8/1,5-2,5	8	1,5	2,5
10/1,5-2,5	10		
15/1,5-2,5	15		
20/1,5-2,5	20		
10/2-4	10	2	4
15/2-4	15		
20/2-4	20		
10/3-7	10	3	7
12/3-7	12		
15/3-7	15		
20/3-7	20		
10/5-9	10	5	9
15/5-9	15		
20/5-9	20		
30/5-9	30		
15/7-12	15	7	12
20/7-12	20		
30/7-12	30		
20/8-15	20	8	15
25/8-15	25		
30/8-15	30		
25/10-18	25	10	18
30/10-18	30		

Other dimensions on request

* DIN 18542.2009 certified by MPA Bau Hannover

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Colour		light grey, grey, black
Stress group	DIN 18542:2009	BG1, 090666.1 MPA*
Fire behaviour / Building material class	DIN 4102-1	B1, Z-56.212-3501, DIBt*, externally monitored by the MPA*
Joint permeability	DIN EN 12114	$a_n \leq 1 \text{ (m}^3 / \text{h m dPa)}^{1/2}$, 090666.1 MPA*
Heavy rain tightness	DIN EN 1027	$\geq 600 \text{ Pa}$, 090666.1 MPA*
Temperature resistant		between - 30° C and 100° C, max. 130° C briefly
Rated joint noise insulation dimension RST, ω	ift SC-01/2:2002-09	42 dB (One sealing tape without insulation and 2nd sealing level): 59 dB (Two sealing tapes without heat-insulating layer) 167 37188, ift*
Weathering resistance	artificial weathering: outdoor weathering:	> 10 years, test report No. 841.1219-5, MPA2* > 15 years, test report No. 2009.1115, MPA2*
Compatibility with conventional building materials	DIN 18542:2009	yes, 090666.1 MPA*
Resistance to alkaline media	DIN 18542:2009	yes, 090666.1 MPA*
Tensile strength	DIN EN ISO 1798	> 100 kPa
Elongation at break	DIN EN ISO 1798	> 200 %
Compressive strain deformation Properties	DIN EN ISO 3386	3,4 kPa ($\pm 15 \%$), 40 % deformation
Water vapour diffusion	DIN EN ISO 12572	$sd < 0,5 \text{ m}$, 090666.1 MPA*
Caloric conductivity	DIN EN 12667	$\lambda = 0,0429 \text{ W/mK}$, 083955.2, MPA*
Emissions	EMICODE®	EC1 ^{Plus} (2772/03.03.2010 GEV*)
Storage stability		18 months from the date of production

* DIBt: German Institute for Construction Engineering, Berlin; MPA: Material Testing Agency for the Construction Industry, Hanover; MPA2: MPA-Hanover, Material testing laboratory; ift: ift Rosenheim; GEV: Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials

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.

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, 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.

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