

Product Description

Hannoband®-BG1 is a joint sealing tape made of polyurethane soft foam with acrylic dispersion impregnation. Additionally available as BG1-M with an internal membrane. Component of the 3-level joint sealing system.

Product Properties

- ift certified, MPA certified, RAL certified *
- DIN 18542:2020, stress group BG1
- Airtightness requirements tested according to DIN 18542:2020 BG1 and BGR
- CE certified (BG1 ETA 06/0083 - EAD320001-00-605 - LE 02 DE/BG1/210927)
- 15-year functional warranty**
- EMICODE® EC1PLUS - very low emissions
- Third-party monitoring by MPA, ift and Kiwa N.V.*
- ** when using all Hanno system components according to manufacturers specifications



Applications

Hannoband®-BG1 can be universally used for joint sealing in building construction. Preferred application areas are window construction, timber construction, pre-fabricated construction, masonry construction, timber frame construction, and concrete construction. Hannoband®-BG1 offers special advantages for sealing connection joints and movement joints between different components, as well as for windproofing the seams of foils in roof construction. In interior construction, Hannoband®-BG1 is particularly used for sealing connection joints due to its good sound insulation values. Hannoband®-BG1 on the roll is universally applicable and can be inserted into existing joints due to pre-compression.

Form of Delivery

- Pre-compressed on rolls
- One-sided adhesive
- Roll length: 2-24m, depending on material thickness and type.
- Also available with internal membrane as Hannoband®-BG1-M.

Technical Data

Property	Standard	Value
Color	-	lightgrey, grey, black
Stress group	DIN 18542:2020	BG1, MPA*
Fire behavior	DIN 4102-1	B1, DIBt* monitored by MPA*
Air tightness	EN 12114	an < 1 m³/ [h m (daPa)²/³], MPA* an < 0,1 m³/ [h m (daPa)²/³], for the nominal joint, MPA*, corresponds to BG-R according to DIN 18542:2020
Driving rain tightness	EN 1027	≥ 600 Pa, MPA* ≥ 1050 Pa possible depending on joint, RAL*
Temperature resistance	-	-30 °C bis 100 °C, short term 130 °C
Joint sound insulation value Rs,w	EN ISO 10140-1/-2, EN ISO 717	43 dB (one sealing tape without insulation and 2nd sealing layer), ift* 60 dB (two sealing tapes without thermal insulation layer), ift*
Weather resistance	-	artificial weathering: > 10 years, MPA* outdoor weathering: > 15 years, MPA*
Compatibility with adjacent building materials	DIN 18542:2020	conform, MPA*
Vapor diffusion	EN ISO 12572	sd < 0,5 m, MPA*
Thermal conductivity	EN 12667	λ = 0,0412 W/mK, MPA*
Emissions	EMICODE®	EC1PLUS, GEV*
Shelf Life	-	24 months from production date

* DIBt: Deutsches Institut für Bautechnik, Berlin; MPA: Materialprüfanstalt Hannover; ift: ift Rosenheim; GEV: Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V., RAL Deutsches Institut für Gütesicherung und Kennzeichnung e.V. - Gütegemeinschaft Gebäudeabdichtung e.V.

Dimensions	Joint depth	Application range	
		Minimum	Maximum
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		
10/5-10	10	5	10
15/5-10	15		
20/5-10	20		
30/5-10	30	7	12
15/7-12	15		
20/7-12	20		
30/7-12	30	8	15
20/8-15	20		
25/8-15	25		
30/8-15	30	10	18
20/10-18	20		
25/10-18	25		
30/10-18	30	20	35
25/8-18	25		
25/12-25	25		
35/20-35	35		

Other joint dimensions as Hannoband®-BG1-M with internal membrane are not subject to certification by ift, RAL or KOMO.

Processing

Please refer to the assembly instructions.

Cleaning

Skin cleaning with water and soap. Removal of impregnation and/or adhesive residues is possible with a solvent-based cleaner. Please observe safety regulations.

Environment, Disposal and Safety

The product is not classified as a hazardous substance according to the Hazardous Substances Ordinance and relevant EU directives based on available data and experience. However, we recommend following the usual care and hygiene practices for handling chemical substances. Residues can be disposed of with household waste. Local regulations must be observed.

The product complies with the following directives or meets the required application restrictions: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (Greenhouse Gases), 2024/590 (Ozone Layer Depletion).

Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at www.hanno.com, apply. This datasheet provides non-binding information without guarantee. The stipulated instructions for use are to be adapted to the respective conditions. The user is obligated to check the suitability and applicability through their own testing in order to avoid failures for which we assume no liability. Subject to technical changes. In case of discrepancies, the German version shall prevail.

You can request the latest version of this datasheet at info@hanno.com.

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