

Hannoband®-3E BG1

Product Description

Hanno®-3E BG1 is a pre-compressed and impregnated multi-functional joint sealing tape made of polyurethane soft foam with acrylic dispersion impregnation and moisture adaptive functional membranes. Pre-compressed roll with acrylic adhesive as assembly aid. For sealing all functional areas in window joint sealing with one product. The tape meets all requirements for airtight and weatherproof sealing.



Product Properties

- DIN 18542:2020 MF1
- Driving rain tight 1050 Pa according to DIN EN 1027
- Air tight ($a < 0,1$ EN 12114 / EN 1026)
- UV/Weather resistant
- Excellent sound insulation
- Weather-independent installation
- Moisture-adaptive membranes, adjust their water vapor permeability to moisture load. The diffusion resistance also increases with increased ambient humidity.
- System component of the Hanno®-3E sealing system with a 15-year functional warranty**
- Very low emissions Plus EMICODE®-EC1Plus

**when using all Hanno system components according to manufacturer's specifications



Applications

Hanno®-3E BG1 can be used to seal the window joint. Due to the various band widths and band thicknesses, a wide range of joint widths and window profile thicknesses can be sealed. The product can be used for different joint ranges according to DIN 18542:2020 MF2 and MF1.

Passivhaus	Neubau	Sanierung	Wärmedämmung
3-9	3-10	3-12	3-15
4-15	4-18	4-21	4-25
7-20	7-24	7-28	7-33
10-30	10-36	10-42	10-50

Processing

Please note our assembly instructions, especially the information on expansion behavior and fastening.

Special Instructions

The membranes require some time to achieve their final and uniform pressure on the joint edges, depending on weather conditions. Leakage tests should therefore only be carried out four weeks after proper installation.

Form of Delivery

- Pre-compressed on rolls
- self adhesive
- moisture-adaptive functional membranes

Dimensions	Joint depth [mm]	Application [mm]		
		MF2 concealed installation	MF1 exposed installation	Thermal insulation
56/4-11	56	4 - 11	4 - 9	3 - 15
64/4-11	64			
74/4-11	74			
84/4-11	84			
56/6-18	56	6 - 18	6 - 15	4 - 25
64/6-18	64			
74/6-18	74			
84/6-18	84			
56/10-24	56	10 - 24	10 - 20	7 - 33
64/10-24	64			
74/10-24	74			
84/10-24	84			
56/15-36	56	15 - 36	15 - 30	10 - 50
64/15-36	64			
74/15-36	74			
84/15-36	84			

Technical Data

Property	Standard	Value
Color	-	anthracite
Stress group	DIN 18542:2020	MF1, MPA* MF2 - enhanced joints, MPA*
Fire behavior	DIN 4102-1	B1, MPA*
Air tightness	DIN EN 12114	$a_n < 0,1 \text{ m}^3/[\text{h m}(\text{daPa})^{2/3}]$, MPA*
Driving rain tightness	DIN EN 1027	$\geq 1050 \text{ Pa}$, MPA*
Building component test	ift MO-01/1:2007-01	fulfilled, ift*
Protection of functional plane	DIN 18542: 2020	$\geq 600 \text{ Pa}$ MPA*
Enhanced joints	MF1	$a < 0,1$, SRD $\geq 600 \text{ Pa}$, B1
	MF2	$a < 0,1$, SRD $\geq 600 \text{ Pa}$, Class E
	Thermal insulation	Class E, MPA*
Joint sound insulation value $R_{s,w}$	DIN EN ISO 10140-1 /-2 DIN EN ISO 717-1	59 dB, not plastered ift*
Thermal conductivity	DIN 18542:2020	$\lambda \leq 0,05 \text{ W}/(\text{m K})$ *MPA
UV-/weather resistance	DIN 18542:2020	MF1: fulfilled *MPA MF2: fulfilled *MPA
Compatibility with adjacent building materials	DIN 18542:2020	MF1 & MF2, MPA*
Vapor diffusion	DIN EN ISO 12572	moisture adaptive $\mu=10-47$
Emissions	EMICODE®	EC1Plus, GEV*
Heat resistance	DIN 18542:2020	-20°C to +80°C *MPA
Application temperature	-	Application at +5°C to +30°C. Pre-cool at temperatures above +20°C. Preheat if necessary at very low temperatures.
Shelf Life	-	12 month from date of production

* MPA: Materialprüfanstalt für das Bauwesen, Hannover; GEV: Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V., ift: ift Rosenheim

Cleaning

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

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Environment, Disposal and Safety

Based on existing data and experience, the product is not classified as a hazardous substance under the Hazardous Substances Regulation and corresponding EC directives. However, we recommend observing 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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