

# Hannoband®-3E BG1

## Product description

Das Hannoband®-3E BG1 is a pre-compressed and impregnated multifunctional joint sealing tape for the sealing of all function areas in window joint sealing with a single product. The tape meets all of the requirements pertaining to an air tight and heavy rain tight sealing.

## Product properties

- MPA certified, ift certified and RAL certified
- Stress group DIN 18542:2020 MF1
- Heavy rain tightness up to 1050 Pa in accordance with EN 1027
- Airtight (corresponds to DIN 18542:2020 = BG R)
- Weatherproof
- High sound insulation
- Weather-independent installation
- Moisture-adaptive membranes which adapt their water vapour permeability to the humidity stress. An increased ambient air humidity causes the diffusion resistance to also increase.
- System component of the Hanno® 3-Layer joint sealing system with a 10 year function guarantee\*
- "very low emission" EMICODE®-EC1<sup>Plus</sup>

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

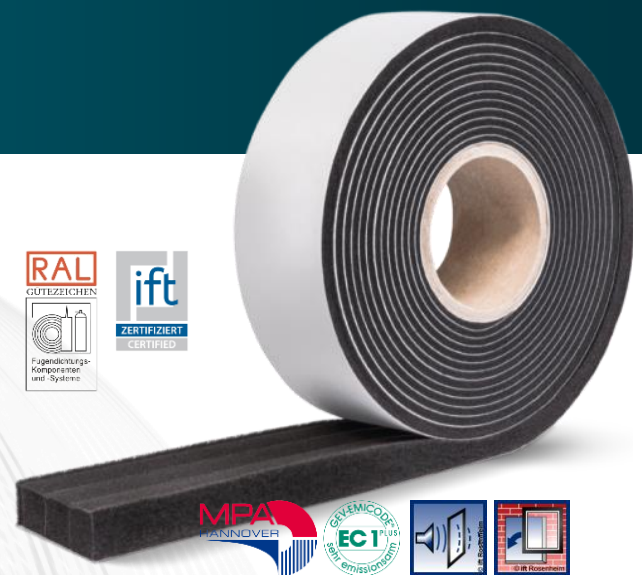
## Applications

The Hannoband®-3E can be used to seal the window connection joint. The sealing of the most different joint widths and window profile thicknesses is possible due to the various tape widths and thicknesses. Depending on the degree of compression, one product can be used for several applications.

passive house construction	new building construction	renovation	thermal insulation
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

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## Form of Delivery

Pre-compressed on rolls, self-adhesive on one side, with functional membranes.

## Processing

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

## Dimensions

Dimension*	Joint depth*	Application range	
		Minimal	Maximal
56/4-9	56	4	9
64/4-9	64		
74/4-9	74		
84/4-9	84		
56/6-15	56	6	15
64/6-15	64		
74/6-15	74		
84/6-15	84		
56/10-20	56	10	20
64/10-20	64		
74/10-20	74		
84/10-20	84		
56/15-30	56	15	30
64/15-30	64		
74/15-30	74		
84/15-30	84		
94/15-30	94		

\* further joint depths/tape width available on request.



## Technical Data

Colour	–	black with functional membranes
Fire behaviour	DIN 4102	B1, MPA*
Stress group	DIN 18542:2020	MF1, MPA* - Passiv House MF2, MPA* - New Building
Building component test	MO-01/1:2007-01	passed, ift*
Joint permeability	DIN EN 12114	$a_n < 0,1 \text{ m}^3 / (\text{h m dPa}^{2/3})$ , MPA*
Heavy rain tightness	DIN EN 1027	$\geq 1050 \text{ Pa}$ , MPA*
Extended joint area	passive house construction new building construction rehabilitation thermal insulation	$a < 0,1$ , SRD $\geq 1050 \text{ Pa}$ , B1 – MF1 $a < 0,1$ , SRD $\geq 600 \text{ Pa}$ , class E – MF2 $a < 0,1$ , SRD $\geq 300 \text{ Pa}$ , class E class E
Condensate resistance	DIN 18542:2020	passed, BG R, MPA*
UV-resistance	DIN 18542:2020	Passive house: passed, MPA* New building: passed, MPA*
Temperature resistant	–	-30 °C bis + 80°C
Thermal conductivity	DIN EN 12667	$\lambda \leq 0,0428 \text{ W/m}^2\text{K}$ , MPA*
Joint airborne sound insulation index $R_{s,w}$	ift SC-01/2:2002-09 EN ISO 10140-1-to -6	not plastered: 59 dB, ift*
Water vapour permeability	DIN EN ISO 12572	moisture-adaptive $\mu = 10-47$ , MPA*
Compatibility with conventional building materials	–	passed, MPA*
Processing temperature	–	+5°C to +30°C. Precool the tape at temperatures from +20°C, preheat it at lower temperatures if necessary.
Emissions	EMICODE®	EC1 <sup>Plus</sup> , GEV*
Storage stability	–	12 months, dry, at room temperature, in the original container

\* MPA: Material Testing Agency Hanover; 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. Impregnating agent and/or adhesive can be removed with naphtha-based cleaner. Observe the safety regulations.

### Environment and 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.

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## Special instructions

Please adhere to our Instructions for Use, especially the information concerning the expansion behaviour and the fixing in place. Depending on the weather situation, the membranes can require a certain amount of time for their final and even pressing against the flanks of the joints. Tightness inspections should therefore only be carried out four weeks after they have been professionally installed at the earliest.

## 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).

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