



## Product description

Hannoband<sup>®</sup>-3E ECO is a pre-compressed and impregnated multifunctional sealing tape for sealing all functional areas in the window joint seal with a single product. The tape produces an air-tight and sound insulating seal.

## Product properties

- Air-tight a <0.1 (corresponds to DIN 18542 = BG R) – MPA Hannover
- Resistant to driving rain  $\geq 600$  Pa (corresponds to DIN 18542 = BG1) – MPA Hannover
- DIN 18542:2020 MF2 certified
- Fire class E according EN 13501

## Applications

Hannoband<sup>®</sup>-3E ECO can be used for all functional areas of the window connection joint. Tapes of different width and thickness are available for joints of different widths and window profile thicknesses. Hannoband<sup>®</sup>-3E eco is intended for covered installation (Stress Group 2 - BG2). The Hannoband<sup>®</sup>-3E ECO is not designed for settlement joints in facades. Insert a tape which meets the requirements of Stress Group 1 (BG1), tested in accordance with DIN 18542, e.g. Hannoband<sup>®</sup>-BG1.

## Form of Delivery

Pre-compressed on rolls, self-adhesive on one side.  
2-colour: grey – inside / dark grey – outside

## Processing

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

## 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. Limited resistance to weather during installation (3 months). Do not expose to constant outdoor weather.

## 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	6	15
56/6-15	56		
64/6-15	64		
74/6-15	74		
84/6-15	84	10	20
56/10-20	56		
64/10-20	64		
74/10-20	74		
84/10-20	84	15	30
56/15-30	56		
64/15-30	64		
74/15-30	74		
84/15-30	84		

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

## 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.

Hanno Werk GmbH & Co. KG

Hanno-Ring 3-5  
30880 Laatzen  
Germany  
Tel: +49 5102 7000-0  
info@hanno.com  
www.hanno.com



## Technical Data

Colour	–	Dark-grey outside / grey inside with function membrane
Fire behaviour	EN 13501	E, MPA*
Stress group	DIN 18542	MF2, MPA*
Joint permeability	EN 12114	$a_n < 0,1 \text{ m}^3/(\text{h m dPa}^{2/3})$ , MPA*
Heavy rain tightness	EN 1027	$\geq 600 \text{ Pa}$ , MPA*
Thermal conductivity	DIN 18542 / EN 12667	$\lambda = 0,0389 \pm 0,0003 \text{ W/m}^*\text{K}$ , MPA*
Joint airborne sound insulation index $R_{s,w}$	ift SC-01/2:2002-09 EN ISO 10140-1 to -6	53 dB, ift*
Water vapour diffusion coefficient	EN ISO 12572	Inside tighter than outside, MPA*
Emissions	EMICODE <sup>®</sup>	EC1 <sup>Plus</sup> , GEV*
Compatibility with conventional building materials	DIN 18542	Fulfilled, MPA*
Temperature resistant	DIN 18542	-30 °C to + 60°C, MPA*
Processing temperature	–	+5°C to +30°C. Precool the tape at temperatures from +20°C, preheat it at lower temperatures if necessary.
Storage stability		12 months, dry, at room temperature, in the original container

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

### 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.

### 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).

### Hanno Werk GmbH & Co. KG

Hanno-Ring 3–5  
30880 Laatzen  
Germany  
Tel: +49 5102 7000-0  
[info@hanno.com](mailto:info@hanno.com)  
[www.hanno.com](http://www.hanno.com)

