

# Technical Data Sheet

## Hannoband®-3E



### Product description

The Hannoband®-3E 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

- heavy rain tightness to 1050 Pa in accordance with EN 1027
- Airtight (corresponds to DIN 18542:2009 = 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 Plus" EMICODE®-EC1<sup>Plus</sup>

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

### Areas of application

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. The Hannoband®-3E is not designed for settlement joints in facades. Insert a tape which meets the requirements of Stress Group 1, tested in accordance with DIN 18542, e.g. Hannoband®-BG1.

### Instructions for use

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

### Form of delivery

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

### Dimensions

dimension	joint depth	application range*	
		min.	max.
56/4-9	56	4	9
64/4-9	64		
74/4-9	74		
84/4-9	84		
94/4-9	94		
56/6-15	56	6	15
64/6-15	64		
74/6-15	74		
84/6-15	84		
94/6-15	94		
56/10-20	56	10	20
64/10-20	64		
74/10-20	74		
84/10-20	84		
94/10-20	94		
56/15-30	56	15	30
64/15-30	64		
74/15-30	74		
84/15-30	84		
94/15-30	94		

### 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.

### 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.

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Colour		black with functional membranes
Fire behaviour	DIN EN 13501	E; P-NDS04-717, MPA*
Stress group	DIN 18542:2009	BG2/BGR, P-NDS04-2011-020, MPA*
Building component test	MO-01/1:2007-01	passed, 10541753-1 ift*
Joint permeability	DIN EN 12114	$a_n \leq 0,1$ (m <sup>3</sup> /h m dPa) <sup>2/3</sup> ; 091598.1, MPA*
Heavy rain tightness	DIN EN 1027	≥1050 Pa; 091598.1, MPA*
Condensate resistance	DIN 18542:2009	yes, BG R; 100602.1, MPA*
Temperature resistant		-30 °C to + 80°C
Thermal conductivity	DIN EN 12667	$\lambda \leq 0,0428$ W/m*K; 083956.1, MPA*
Joint airborne sound insulation index R <sub>ST,W</sub>	ift SC-01/2:2002-09 DIN EN 12354-3	not plastered: 58 dB; 167 43780/Z2, ift*
Water vapour permeability	DIN EN ISO 12572	moisture-adaptive $\mu=7-44$ , 100684.1, MPA*
Compatibility with conventional building materials		exists, 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> (2775/03.03.2010 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

### 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).