

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

- Classified according DIN 18542:2020 MF2
- Heavy rain tightness up to 1050 Pa in accordance with EN 1027
- Airtight (corresponds to DIN 18542 = 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^{Plus}

* 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. 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.

Form of Delivery

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

Processing

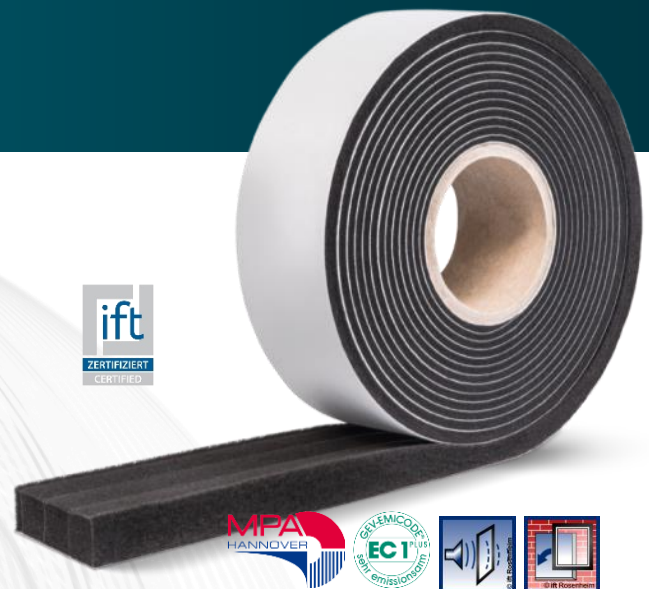
Please adhere to the instructions for use which are enclosed in each of the boxes.

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



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		
94/4-9	94	6	15
56/6-15	56		
64/6-15	64		
74/6-15	74		
84/6-15	84	10	20
94/6-15	94		
56/10-20	56		
64/10-20	64		
74/10-20	74	15	30
84/10-20	84		
94/10-20	94		
56/15-30	56		
64/15-30	64	15	30
74/15-30	74		
84/15-30	84		
94/15-30	94		

* further joint depth/tape width available on request.



Technical Data

Colour	–	black with functional membranes
Fire behaviour	EN 13501	Class E, MPA*
Stress group	DIN 18542	MF2, MPA*
Building component test	MO-01/1:2007-01	passed, ift*
Joint permeability	EN 12114	$a_n < 0,1 \text{ m}^3/(\text{h m dPa}^{2/3})$; MPA*
Heavy rain tightness	EN 1027	$\geq 1050 \text{ Pa}$, MPA*
Protection of functional plane	DIN 18542	$\geq 600 \text{ Pa}$, MPA
Condensate resistance	DIN 18542	yes, BG R, MPA*
Water vapour permeability	EN ISO 12572	moisture-adaptive $\mu=10-47$, MPA*
Thermal conductivity	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: 57 dB, ift*
Emissions	EMICODE [®]	EC1 ^{Plus} , GEV*
Compatibility with conventional building materials	DIN 18542	fulfilled, MPA*
Temperature resistant		-30 °C to + 80°C
Processing temperature		+5°C to +30°C. Precool the tape at temperatures from +20°C, pre-heat it at lower temperatures if necessary.
Storage stability		12 months, dry at room temperature and in the original packaging

* 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.

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.

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**, 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**.

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