

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 airtight and heavy rain tight sealing.



Product Properties

- Heavy rain tightness to 1050 Pa in accordance with EN 1027
- Airtight (corresponds to DIN 18542 = MF2)
- 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.
- "very low emission Plus" EMICODE EC1^{Plus}

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.

Form of Delivery

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

Instructions for Use

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.

Technical Data

Characteristics	Standard	Value
Colour		black with functional membranes
Fire behaviour	DIN EN 13501	class E, MPA*
Stress group	DIN 18542	MF2
Building component test	MO-01/1:2007-01	passed, ift*
Joint permeability	DIN EN 12114	$a_n \leq 0,1 \text{ (m}^3 / \text{h m dPa)}^{1/2}$, MPA*
Heavy rain tightness	DIN EN 1027	$\geq 1050 \text{ Pa}$, MPA*
Condensate resistance	DIN 18542	yes, MPA*
Temperature resistant		-30 °C to +80 °C
Thermal conductivity	DIN EN 12667	$\lambda \leq 0,0428 \text{ W/m}^*\text{K}$, MPA*
Joint airborne sound insulation index $R_{s,w}$	EN ISO 10140-1: 2016	57 dB, ift*
Water vapour permeability	DIN EN ISO 12572	moisture-adaptive $\mu = 10 - 47$, 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 ^{Plus} , GEV*
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

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.

Service

Upon request, our trained sales representatives are always at your disposal.

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.

Additional Information

This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The right to make technical changes is reserved.