

Technical Datasheet

Hannoband®-3E IDA

Product description

The Hannoband®-3E IDA (Innen Dichter als Außen/*Inside Tighter than Outside*) 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 air tight and heavy rain tight sealing requirements



Product properties

- heavy rain tightness to >600 Pa in accordance with DIN EN 1027
- airtight (corresponds to DIN 18542:2009 = BG R)
- proof of the diffusion behaviour in accordance with the classical principle "Inside Tighter than Outside"
- diffusion inhibiting (sd > 0.5m)
- resistant to weathering
- good sound insulation
- weather-independent installation
- system component of the Hanno®-3E sealing system with a 10 year function guarantee*
- "very low emission Plus" EMICODE®-EC1^{Plus}

* when using all of the Hanno system components in accordance with manufacturer's instructions

Areas of application

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

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. Bicolour: grey – inside / black – outside

Cleaning

The skin can be cleaned with soap and water. The impregnate and/or residue adhesive can be removed with a petroleum-based cleaning agent. Please observe the safety regulations.

Disposal

Residue tape can be disposed of in the household waste. The local regulations are to be adhered to.

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| Colour | | grey inside / black outside, with function membranes |
| Fire behaviour | DIN 4102-1 | B2; P-NDS04-717, MPA* |
| Stress group | DIN 18542:2009 | BG2/BGR |
| Joint permeability coefficient | DIN EN 12114 | $a_n \leq 01$; 091600.1, MPA* |
| Heavy rain tightness | DIN EN 1027 | ≥ 600 Pa; 091600.1, MPA* |
| Water vapour permeability | DIN EN ISO 12572 | inside: 19.2; outside: 3.5; 091275.1, MPA* sd > 0.5 m (from 56mm tape width) |
| Condensate resistance | DIN 18542 | yes, BG R; 101022.1, MPA* |
| Temperature resistance | | between -30°C and + 80°C |
| Thermal conductivity | DIN EN 12667 | $\lambda \leq 0.0428$ W/m*K; 083956.1, MPA* U-Value = 0.58 W/(m²K) with 74mm tape width |
| Joint airborne sound insulation $R_{ST,W}$ | ift SC-01/2:2002-09 DIN EN 12354-3 | not plastered: 57 dB; 167 43780/Z1, ift* |
| Compatibility with conventional building materials | | yes |
| Processing temperature | | between +5°C and +30°C. Precool the tape at temperatures from +20°C, preheat it at lower temperatures if necessary. |
| Emissions | EMICODE® | EC1 ^{Plus} (2776/03.03.2010 GEV*) |
| Storage stability | | 12 months, dry, at room temperature in the original container |

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

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.

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.

Guarantee instructions

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at www.hanno.com, have validity. This data sheet provides non-binding information without the assumption of a 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 will find the latest version of this datasheet under www.hanno.com.