

Technical Datasheet

Hannoband[®]-3E eco

Product description

Hannoband[®]-3E eco is a precompressed and impregnated multifunctional sealing tape for sealing the internal function 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 18542:2009 = BG R) – MPA Bau Hannover
- Resistant to driving rain up to 600 Pa (corresponds to DIN 18542:2009 = BG1) – MPA Bau Hannover
- Fire class B2 according to DIN 4102-1

Areas of application

Hannoband[®]-3E eco can be used for sealing the internal function areas of the window connection joint. Tapes of different width and thickness are available for joints of different widths and window profile thicknesses. Hannoband[®]-3E eco is intended for covered installation (Stress Group 2). The Hannoband[®]-3E eco 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. 2-colour: grey – inside / dark grey – 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.

Technical Datasheet

Technical Data

Colour		Dark-grey outside / grey inside with function membrane
Building materials class/fire behaviour	DIN 4102-1	B2
Joint permeability	DIN EN 12114	$a_n \leq 0.1$ corresponds to BGR acc. to DIN 18542:2009, 110537, MPA*
Heavy rain tightness	DIN EN 1027	up to 600 Pa corresponds to BG1 acc. to DIN 18542:2009, 110537, MPA*
Temperature resistant		-30 °C to + 80°C
Thermal conductivity	DIN EN 12667	$\lambda \leq 0,0428$ W/m*K
Compatibility with conventional building materials		exists
Processing temperature		+5°C to +30°C. Cool tape from +20°C, heating may be required if temperatures are low.
Emissions	EMICODE®	EC1 ^{Plus} (3516/03.03.2010 GEV*)
Storage stability		9 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

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

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.