

## Technical Datasheet

### Hannoband<sup>®</sup>-3E

#### Product description

The Hannoband<sup>®</sup>-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
- weather-independent installation
- proof of the permanent performance capability/functionability with diverse wall designs with a hygro-thermal building simulation calculation executed by the BBS Institute in Wolfenbüttel (test report No. 2008772-3)
- system component of the Hanno<sup>®</sup>3-Layer joint sealing system with a 10 year function guarantee\*

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

#### Areas of application

The Hannoband<sup>®</sup>-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<sup>®</sup>-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<sup>®</sup>-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

#### 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		black with transparent function membranes
Building materials class/ fire behaviour	DIN 4102-1	B2; P-NDS04-717, MPA*
Joint permeability	DIN EN 12114	$a_n \leq 0,1$ ; 091598.1-Sz, MPA*
Heavy rain tightness	EN 1027	$\geq 1050$ Pa; 091598.1-Sz, MPA*
Temperature resistant		-30 °C to + 80°C
Thermal conductivity	DIN EN 12667	$\lambda \leq 0,0428$ W/m*K; 083956.1-Hu, MPA*
Joint airborne sound insulation index $R_{ST,W}$	ift SC-01/2:2002-09	Plastered on one side: 57 dB Plastered on both sides: 58 dB; 167 37188/Z3, ift*
Hygro-thermal building simulation		„... no excess hygroscopic water contents up to the formation of condensation water on the inside of the building are to be expected.“; 2008772-3, BBS*
Compatibility with conventional building materials		exists
Processing temperature		+5°C bis +30°C. Precool the tape at temperatures from +20°C, preheat it at lower temperatures if necessary.
Storage stability		9 months, dry, at room temperature, in the original container

\* MPA: Material Testing Agency Hanover; ift: ift Rosenheim; BBS: BBS Institut, Wolfenbüttel

### 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

Observe the installation instructions!  
The information on the expansion behaviour and the attachment are to be observed in this regard!

### Guarantee instructions

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 are reserved. You will find the latest version of this datasheet under [www.hanno.com](http://www.hanno.com).