

## Product Description

Hannoband®-3E is a pre-compressed and impregnated multifunctional joint sealing tape made of polyurethane soft foam with acrylic dispersion impregnation and moisture-adaptive functional membranes. Pre-compressed rolls with acrylic adhesive as an assembly aid. For sealing all functional areas in window joint sealing with one product. The tape meets all requirements for airtight and driving rain resistant sealing.



## Product Properties

- DIN 18542:2020 - MF2 (Meets requirements for airtightness, watertightness, protection of functional level, and thermal insulation according to DIN 18542:2020 - MF1)
- Driving Rain Tight ( $\geq 1050$  Pa according to DIN EN 1027)
- Airtight ( $a < 0.1$  according to DIN EN 12114/DIN EN 1026)
- Very good sound insulation
- Installation independent of weather conditions
- Moisture-adaptive membranes, adjust their water vapor permeability to the moisture load. The diffusion resistance also increases with increased ambient humidity
- System component of the Hanno®-3E sealing system with a 10-year functional guarantee\*\*
- Very low emissions Plus EMICODE®-EC1Plus
- \*\*when using all Hanno system components according to manufacturer's instructions



## Applications

Hannoband®-3E can be used to seal the window connection joint. Due to the various band widths and band thicknesses, a wide range of joint widths and window profile thicknesses can be sealed. The Hannoband®-3E is not intended for expansion joints in the facade area. Use a band of stress group 1 tested according to DIN 18542: → Hannoband®-BG1.

## Form of Delivery

- Pre-compressed on rolls
- self adhesive
- moisture-adaptive functional membranes

Dimension+	Joint depth	Application range [mm]		
		DIN 18542 - MF2	EN 12114 a<0,1 & EN 1027 >600Pa	Thermal insulation
56/4-9	56	/4 - 9	/4 - 13	/4 - 15
64/4-9	64			
74/4-9	74			
84/4-9	84			
94/4-9	94			
56/6-15	56	/6 - 15	/6 - 21	/6 - 24
64/6-15	64			
74/6-15	74			
84/6-15	84			
94/6-15	94			
56/10-20	56	/10 - 20	/10 - 28	/10 - 32
64/10-20	64			
74/10-20	74			
84/10-20	84			
94/10-20	94			
56/15-30	56	/15 -30	/15 - 42	/15 - 48
64/15-30	64			
74/15-30	74			
84/15-30	84			
94/15-30	94			

+ Additional cutting widths/joint depths available on request

## Technical Data

Property	Standard	Value
Color		anthracite, with functional membranes
Stress group	DIN 18542:2020	MF2, MPA*
Fire behavior	DIN EN 13501-1	Class E, MPA*
Bulding component test	MO-01/1:2007-01	passed, is*
Airtightness	DIN EN 12114	an < 0,1 m <sup>3</sup> / [h m (daPa) <sup>2/3</sup> ], MPA* #
Driving rain tightness	DIN EN 1027	≥ 1050 Pa, MPA* #
Protection of functional plane	DIN 18542:2020	≥ 600 Pa, MPA* #
Condensate resistance	DIN 18542:2020	fulfilled, MPA* #
Vapour diffusion resistance	DIN EN ISO 12572	Moisture variable, μ=10-47, MPA* #
Thermal conductivity	DIN 18542:2020	λ = 0,0417 W/(m*K), MPA* #
Joint noise reduction index RS, W	DIN EN ISO 10140-1 /-2 DIN EN ISO 717-1	unplastered: 57 dB ift
Emissions	EMICODE®	EC1Plus, GEV*
Compatibility with conventional building materials	DIN 18542:2020	fulfilled, MPA* #
Temperature resistance	DIN 18542:2020	-20 °C bis +60°C MPA*
Processing temperature	-	+5°C to +30°C. Pre-cool at temperatures above +20°C, preheat if necessary at low temperatures.
Shelf life	-	12 months, dry, at room temperature in the original container

\* MPA: Materialprüfanstalt für das Bauwesen, Hannover; ift: ift Rosenheim; GEV: Gemeinschaft Emissionskontrollierte Verlegetwerkstoffe, Klebstoffe und Bauprodukte e.V.# erfüllt die strengeren Vorgaben der DIN18542:2020 -MF1

## Processing

Note our assembly instructions, which are included in every box, especially the information on lifting behavior and fastening. The membranes may take some time to achieve their final and uniform pressure on the joint flanks, depending on weather conditions.

## Special Instructions

Follow our assembly instructions, especially the information on lifting behavior and fastening. The membranes require some time to achieve their final and uniform pressure on the joint edges, depending on weather conditions. Leakage tests should therefore only be carried out four weeks after proper installation.

## Cleaning

Skin cleaning with water and soap. Removal of impregnation or adhesive residues is possible with a solvent-based cleaner. Please observe safety regulations.

## Environment, Disposal and Safety

Based on existing data and experience, the product is not classified as a hazardous substance under the Hazardous Substances Regulation and corresponding EC directives. However, we recommend observing the usual care and hygiene practices for handling chemical substances. Residues can be disposed of with household waste. Local regulations must be observed.

# Hannoband®-3E



The product complies with the following directives, or meets the required application restrictions: 1907/2006 (REACH), 2011/65 (RoHS2), 2015/863 (RoHS3), 2019/1021 (POP), 517/2014 (Greenhouse Gases), 2024/590 (Ozone Layer Depletion).

## Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at [www.hanno.com](http://www.hanno.com), apply. This datasheet provides non-binding information without guarantee. The stipulated instructions for use are to be adapted to the respective conditions. The user is obligated to check the suitability and applicability through their own testing in order to avoid failures for which we assume no liability. Subject to technical changes.

You can request the latest version of this datasheet at [info@hanno.com](mailto:info@hanno.com).

## Hanno Werk GmbH & Co. KG

Hanno-Ring 3-5

30880 Laatzen

Germany

Telephone: +49 5102 7000-0

[info@hanno.com](mailto:info@hanno.com)

[www.hanno.com](http://www.hanno.com)

