

Product description

Hanno®-3E Basic BG1 is a pre-compressed and impregnated multifunctional sealing tape made of flexible polyurethane foam with acrylate dispersion impregnation and moisture-adaptive functional membranes for sealing all functional areas in window joints with a single product. The tape fulfils all requirements pertaining to air-tightness and heavy rain tight sealing.

Product characteristics

- DIN 18542:2020 Stress Group MF1
- Fire resistant DIN 4102-B1
- Driving rain resistance >600 Pa according EN 1027
- Air-tight $\alpha < 0.1$ according EN 12114 / EN 1026
- Very low emissions - EMICODE®-EC1^{Plus}

Areas of application

Hanno®-3E Basic BG1 can be used to seal window joints. The different tape widths and thicknesses enable a great variety of joint widths and window profile thicknesses to be sealed.

Form of delivery

Pre-compressed on rolls, self-adhesive on one side with at least one moisture-adaptive functional membrane.

Use

Please observe the instructions for use, which are included in every package.

Dimensions

Joint depth [mm] (t _F)	Joint width [mm] (b _N)	Application range [mm]	
		Min (b _{min})	Max (b _{max})
>56	/6	4	9
>56	/8	6	15
>56	/12	10	20
>56	/16	15	30

Special instructions

Please observe our installation instructions, in particular the information on pulling apart and fastening. Depending on weather conditions, the membranes may require a little time to reach their final and uniform pressure on the joint



faces. As a result, the sealing should not be tested until four weeks after the tape has been properly installed.

Cleaning

Clean skin with soap and water. Impregnation agent and/or adhesive residue can be removed with petroleum-based cleaning agent. Observe safety instructions.

Disposal

Tape remnants can be disposed of with the household waste. Observe local regulations.

Safety instructions

On the basis of existing data and experience, the product is not hazardous material in the sense of the hazardous materials regulations and the corresponding EC directives. However, we recommend that you take the same care and use the same hygiene as with chemical materials.

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Hanno[®]-3E Basic BG1

Technical data

Colour		grey
Fire characteristics	DIN 4102	B1, MPA*
Stress group	DIN 18542:2020	MF1, MPA*
Joint permeability coefficient	EN 12114 / EN 1026	$a_n < 0.1 \text{ m}^3 / (\text{h m dPa}^{2/3})$, MPA*
Heavy rain resistance	EN 1027	$\geq 600 \text{ Pa}$, MPA*
Joint airborne sound insulation index $R_{s,w}$	ift SC-01/2:2002-09 EN ISO 10140-1 to -6	59 dB, ift*
Weather/ UV resistance	DIN 18542:2009	Yes, MPA*
Compatibility with adjoining construction materials	DIN 18542:2009	Yes, MPA*
Water vapour diffusion coefficient	DIN EN ISO 12572	Moisture adaptive $\mu=10-47$
Emissions	EMICODE [®]	EC1Plus, GEV*
Temperature resistance	DIN 18542:2009	+ 80°C, MPA*
Application temperature		+5°C to +30°C. Pre-cool the tape if temperature is above +20°C. In very low temperatures it may be necessary to pre-heat the tape.
Storage		12 months, dry, at room temperature in original packaging

* MPA: Materials testing agency Hanover, GEV: Association for the control of emissions in products for flooring installation, adhesives and building materials, ift: ift Rosenheim

Limitation of liability

Our general terms and conditions of sale with warranty conditions, which you can refer to at **www.hanno.com**, apply. This data sheet 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 data sheet at **info@hanno.com**.

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