

Technical Data Sheet

Hannoband®-BSB BG1 Fire Protection Tape

Product description

Joint sealing tape of polyurethane soft foam with a special acrylate dispersion impregnation (especially for fire protection), accessory agents and filling agents.

Product properties

- DIN 18542, Stress Group 1
- DIN 4102, Fire Class B1
- DIN EN 1366-4 Fire Resistance up to EI 120 minutes installed double (refer to the test report)
- DIN EN 1366-4 Fire Resistance up to EI 60 minutes installed double between masonry and a wooden frame (refer to the test report)
- DIN EN 1366-4 Feuerwiderstandsdauer bis EI 60 Minuten bei doppelter Verlegung zwischen Mauerwerk und Holzrahmen (siehe Prüfbericht)
- weather-independent installation
- "very low emission plus" EMICODE®-EC1^{Plus}

Applications

The Hannoband®-BSB BG1 fire protection tape is suitable for the forming of joints between masonry elements in order to ensure a fire protection certainty. Suitable for partitions of up to EI 120 (joint design and construction as described in the test report).

Furthermore, the Hannoband® BSB BG1 fire protection tape is suitable for joint formation between masonry components and wooden frames to ensure fire resistance. Suitable for partitions of up to EI 60 (joint design and construction as described in the test report).

Please contact our application engineering department for information concerning possible tests.

In addition to the fire protection properties, the Hannoband®-BSB BG1 fire protection tape also meets all of the requirements of stress group BG1 according DIN 18542 and can therefore also be used in directly weathered joints

Form of Delivery

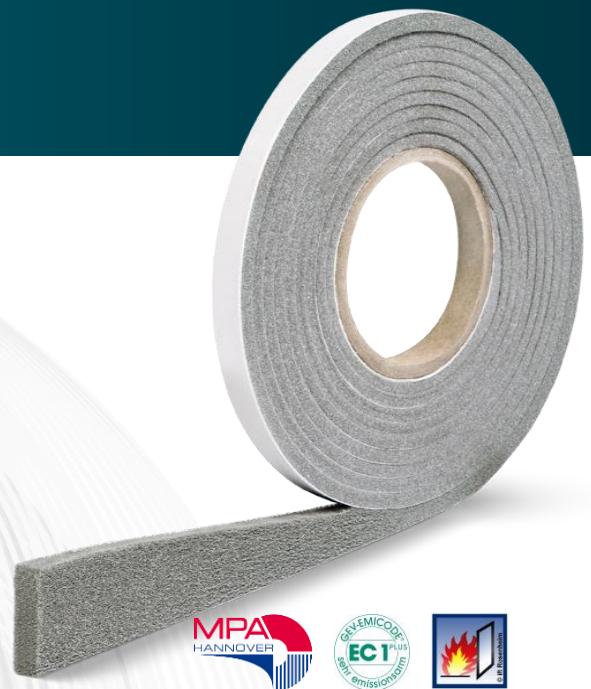
Pre-compressed: on rolls, self-adhesive from one side

Processing

Please adhere to the instructions for use which are enclosed in each of the boxes.

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Dimensions

Dimension	Recommended Joint depth	Application Range	
		minimum	maximum
15/5-9	≥ 15	5	9
20/5-9			
30/5-9			
15/7-12	≥ 20	7	12
20/7-12			
25/7-12			
30/7-12	≥ 25	8	15
20/8-15			
25/8-15			
30/8-15			
40/8-15	≥ 30	10	18
25/10-18			
30/10-18			
35/15-25	≥ 40	15	25
40/15-25			

Cleaning

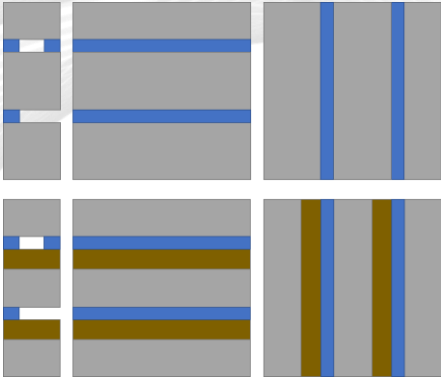
The skin can be cleaned with soap and water. Residue adhesive can be removed with a petroleum-based cleaning agent. Observe the safety regulations.

Environment and disposal

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



Technical Data

Color	-	Light grey
Brandverhalten/Baustoffklasse	DIN 4102-1	B1, DIBt* , MPA*
Fire Resistance 	EN 1366-4 EN 1363-1 and -2	Up to EI60 / EI120 depending on joint depth and installation, installed double tape, ift* Up to EI 20 depending on joint depth and installation, installed single tape, ift* A joint depth to joint width ratio of >1,5 is recommended
Air tightness	EN 12114	$a_n < 1 \text{ m}^3 / (\text{h m} [\text{dPa}]^{2/3})$
Dirving rain tightness	EN 1027	$\geq 600 \text{ Pa}$
Thermal conductivity	EN 12667	$\lambda = 0,0429 \text{ W/mK}$, MPA*
Processing temperature	-	+5°C bis +45°C
Temperature resistance	-	- 30° C bis 100° C, max. 130° C short term
Emissions	EMICODE®	EC1Plus (GEV*)
Compatibility to adjoining building materials	-	given
Shelf life	-	18 months from the date of production. Storing conditions: dry, at ambient temperature in original packaging

* DIBt: Deutsches Institut für Bautechnik, Berlin; MPA: Materialprüfanstalt für das Bauwesen, Hannover; MFPA: Gesellschaft für Materialforschung und Prüfungsanstalt für das Bauwesen Leipzig, GEV: Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.

** depending on compression

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.

Restriction of liability

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at www.hanno.com, apply. This data sheet provides non-binding information without the assurance of 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 can request the latest version of this datasheet from info@hanno.com.

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