

# 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.

patent applied for

### Product properties

- DIN 18542:2009, stress group 1
- DIN 4102, Building materials class B1
- DIN EN 1366-4 fire resistance for max. 120 minutes when laid double (refer to the test report)
- DIN EN 1366-4 fire resistance duration EI 60 minutes when laid double between masonry and a wooden frame (refer to the test report)
- weather-independent installation
- "very low emission Plus" EMICODE®-EC1<sup>Plus</sup>

### Areas of application

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 F 120 (joint formation and construction as described in the test report).

The Hannoband®-BSB BG1 fire protection tape is also suitable for the system testing of fire doors and fire windows. System tests up to EI 30 have been passed in this regard. 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 and can therefore also be used in directly weathered joints.

### 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 from one side

### Dimensions

dimension	joint depth	application range*	
		min.	max.
15/5-9	10		
20/5-9	20	5	9
30/5-9	30		
15/7-12	15		
20/7-12	20	7	12
25/7-12	25		
30/7-12	30		
20/8-15	20		
25/8-15	25	8	15
30/8-15	30		
40/8-15	40		
25/10-18	25	10	18
30/10-18	30		
35/15-25	35	15	25
40/15-25	40		

### 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.

### Disposal

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

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### Technische Daten

Farbe		hellgrau
Brandverhalten/Baustoffklasse	DIN 4102-1	B1, Z-56.212-3519, DIBt* fremdüberwacht durch MPA*
Feuerwiderstandsdauer	DIN EN 1366-4	EL 15 bis EI 120 je nach Fugentiefe und Einbau (PB 3.2/09-108, MFPA*)  EL 60 3-15mm (PB 3.2/10-143-1, MFPA*)
Fugendurchlasskoeffizient	DIN EN 12114	$a_n \leq 1 \text{ (m}^3 / \text{h m dPa)}^{2/3}$
Schlagregendichtheit	DIN EN 1027	$\geq 600 \text{ Pa}$
Wärmeleitfähigkeit	DIN EN 12667	$\lambda = 0,0429 \text{ W/mK}$ , 083955.2, MPA*
Verarbeitungstemperatur		+5°C bis +45°C
Temperaturbeständigkeit		- 30° C bis 100° C, kurzzeitig bis 130° C
Emissionen	EMICODE®	EC1Plus (2773/03.03.2010 GEV*)
Verträglichkeit mit angrenzenden Baustoffen	DIN 18542:2009	gegeben
Lagerstabilität		18 Monate ab Produktionsdatum

\* 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.

### Systemprüfungen

Informationen über mögliche Systemprüfungen erhalten sie unter [info@hanno.com](mailto:info@hanno.com) oder direkt von unserer Anwendungstechnik.

### 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](http://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](mailto:info@hanno.com).