

Technical Datasheet

Hannoband[®]-BSB BG1 Fire Protection Tape

Product description

The joint sealing tape made of soft polyurethane foam with a special acrylate dispersion impregnation which is designed as fire protection.

- patent applied for

Product properties

- DIN 18542:2009, stress group 1
- Building materials class B1
- DIN EN 1366-4 fire resistance for max. 120 minutes when laid double (refer to the test report)
- weather-independent installation



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

Precompressed on rolls, self-adhesive on one side

Cleaning

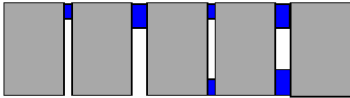
The skin can be cleaned with soap and water. The impregnate and/or residue adhesive can be removed with a petroleum-based cleaning agent. Please observe the safety regulations.

Disposal

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

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Colour		light grey
Building materials class/fire behaviour	DIN 4102	B1 (Z-56.212-3519, DIBt*)
Fire resistance duration	DIN EN 1366-4	EI 15 to EI 120 depending on the joint depth and the installation (PB 3.2/09-108, MFPA*)
		
Calorific conductivity	DIN 52612	$\lambda = 0.0429 \text{ W/m}\cdot\text{K}$
Air tightness	DIN EN 1026	$a_n \leq 1.0$
Heavy rain tightness	DIN EN 1027	$\geq 600 \text{ Pa}$
Compatibility with neighbouring building materials		given
Processing temperature		+5°C to +45°C
Temperature resistant		between - 30°C and 100°C, max. 130°C briefly
Storage stability		18 months from the date of production when stored, dry, at room temperature and in the original packaging

*MFPA: Institute for Materials Research and Testing for the Construction Industry, Leipzig; DIBt: German Institute for Construction Engineering, Berlin

Passed system tests

- Tests pursuant to EN 1363-1:1999 and EN 1634-1:2000
- Block frame 59mm wide. 12mm joint filled with Hannoband®-BSB BG1 fire protection tape 20/7-12. Rest joint filled with Hanno fire protection foam
Fire resistance duration: 36 minutes.
- Block frame 60mm wide. 12mm joint filled with Hannoband®-BSB BG1 fire protection tape 15/7-12 twice.
Fire resistance duration: 35 minutes.

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.

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 is reserved. You can request the latest version of this data sheet from info@hanno.com.