

**NEW**

**Hannoband - BSB Bg1**  
**Fire prevention tape**  
**Flame resistand pursuant to DIN 4102 T1**  
**Fire resistance class up to EI 120**

Hanno is certified pursuant to  
ISO/TS16949



**Also suitable for use in directly weathered joints**  
**For fire doors and windows,partition joints**  
**For the forming of joints between masonry elements in order to ensure a fire protection certainty**  
**Compartmentalisations in keeping with fire protection requirements of up to EI 120**

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## Technical Datasheet

# Hannoband<sup>®</sup>-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<sup>®</sup>-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<sup>®</sup>-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<sup>®</sup>-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.

# NEW!



## Properties

- Polyurethane soft foam with an acrylate dispersion impregnation which is especially adjusted for fire protection\*
- Stress Group BG1, DIN 18542:2009
- Heavy rain tight expansion and connection joints in window construction  $\geq 600$  Pa
- Joint permeability  $a_n \leq 1,0$
- sd-value  $\leq 0,5$  m
- Colour: light grey

\*patent applied for

## Test certificates

- Fire resistance test by MTFA Leipzig with test report PB 3.2/09-108 to between EI 15 and EI 120, depending on the joint width and formation. Passed system tests (tests pursuant to EN 1363-1:1999 and EN 1634-1:2000)
- System test, 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
- System test, block frame 60mm wide. 12mm joint filled with Hannoband®-BSB BG1 fire protection tape 15/7-12 twice. Fire resistance duration: 35 minutes
- Building materials class B1 hardly flammable pursuant to DIN 4102 T1

## Available in the sizes:

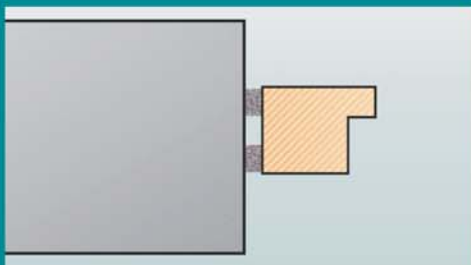
Order No.	for joint depth* in mm	for joint widths in mm
15/5-9	15	5-9
20/5-9	20	
30/5-9	30	
15/7-12	15	7-12
20/7-12	20	
30/7-12	30	
20/8-15	20	8-15
25/8-15	25	
30/8-15	30	
25/10-18	25	10-18
30/10-18	30	
35/15-25	35	15-25
40/15-25	40	

## Additional dimensions upon request

\*If the joint flanks do not run parallel to each other, the tape thickness is to be selected which is appropriate for the widest part of the joint. A perfect functioning requires that the recommended joint widths are to be exactly adhered to. The maximum/minimum joint widths include the movements of the structural member. The tape width (joint depth) is not to be less than the tested minimum dimensions.

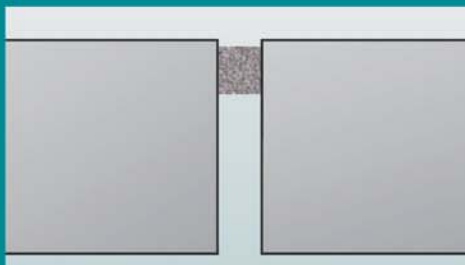
### Fire Resistance EI 30 System Test

Max. joint width 10mm, joint depth 2 x 15mm  
Lightweight wall >125mm,  
Block frame acacia wood door



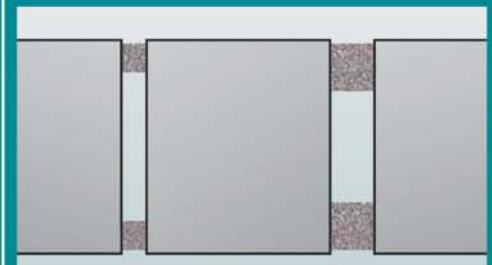
### Fire Resistance EI 30

Joint width 15-25mm, joint depth 40mm



### Fire Resistance EI 120

Joint width 7-25mm,  
joint depth from 2 x 25mm to 2 x 40mm



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