

# Hannoband®-BG1\* & BG1-M

## Product description

Joint sealing tape of polyurethane soft foam with acrylate dispersion impregnation, accessory agents and filling agents. BG1-M with additional inside membrane. 3-Layer Joint Sealing System component.

## Product properties

- Ift certified \*, MPA certified
- DIN 18542:2009, stress group BG1, MPA#
- CE certified (BG1 ETA 06/0083 – EAD320001-00-605 – DoP 02 EN/BG1/210927)
- 15-year function guarantee\*\*
- EMICODE® EC1PLUS - very low emission
- externally monitored by the MPA and KIWA N.V.

\*\* when using all of the Hanno system components, according to manufacturer's instructions

## Applications

Hannoband®-BG1 and BG1-M can be put to universal use for the sealing of joints in structural engineering. The preferential areas of use are window construction, wood construction, prefabricated construction and masonry, framework construction and concrete construction. Hannoband®-BG1 and BG1-M especially provide advantages when it comes to sealing connection joints and expansion joints between various building components and when sealing foils in roof extensions so that they are windproof. Hannoband®-BG1 and BG1-M are especially used in interior work for the sealing of connection joints due to its good sound insulation values. Hannoband®-BG1 and BG1-M on the roll can be put to universal use and can also be inserted in existing joints due to the pre-compression.

## Form of Delivery

Pre-compressed: on rolls, self-adhesive from one side. Also available in longer reels as Hannoband®-BG1 XL. Available also with inside membrane as Hannoband®-BG1-M.

Reel length: 2-24 m, depending on material thickness and type.

Available in widths of 10-1000 mm, depending on material thickness and type.

## Processing

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



## Dimensions

| Dimension  | Joint depth [mm] | Application range [mm]*** |         |
|------------|------------------|---------------------------|---------|
|            |                  | Minimal                   | Maximal |
| 8/1,5-2,5  | 8                | 1,5                       | 2,5     |
| 10/1,5-2,5 | 10               |                           |         |
| 15/1,5-2,5 | 15               |                           |         |
| 20/1,5-2,5 | 20               |                           |         |
| 10/2-4     | 10               | 2                         | 4       |
| 15/2-4     | 15               |                           |         |
| 20/2-4     | 20               |                           |         |
| 10/3-7     | 10               | 3                         | 7       |
| 12/3-7     | 12               |                           |         |
| 15/3-7     | 15               |                           |         |
| 20/3-7     | 20               |                           |         |
| 10/5-10    | 10               | 5                         | 10      |
| 15/5-10    | 15               |                           |         |
| 20/5-10    | 20               |                           |         |
| 30/5-10    | 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               |                           |         |
| 20/10-18   | 20               | 10                        | 18      |
| 25/10-18   | 25               |                           |         |
| 30/10-18   | 30               |                           |         |
| 25/8-18    | 25               | 8                         | 18      |
| 25/12-25   | 25               | 12                        | 25      |
| 35/20-35   | 35               | 20                        | 35      |

Dimensions 25/8-18, 25/12-25, 35/20-35 come as BG1-M with integrated functional membrane. These are not subject to the KOMO-Certification. Other dimensions on request.

\*\*\* DIN 18542.2009 certified by MPA Bau Hannover

Hanno Werk GmbH & Co. KG

Hanno-Ring 3-5  
30880 Laatzen  
Germany  
Tel: +49 5102 7000-0  
info@hanno.com  
www.hanno.com



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## Environment and disposal

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

## 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.

## 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).

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Tel: +49 5102 7000-0  
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# Hannoband<sup>®</sup>-BG1\* & BG1-M

## Technical Data BG1

|  |   |  |
|--|---|--|
| Colour   | -   | light grey, grey, black  |
| Stress group   | DIN 18542:2009                                | BG1*   |
| Fire behaviour / Building material class             | DIN 4102-1<br>EN 13501                        | B1, DIBt*, externally monitored by the MPA#<br>Class E, MPA#   |
| Joint permeability                                   | DIN EN 12114                                  | $a_n < 1 \text{ m}^3 / (\text{h m dPa}^{2/3})$ , MPA#  |
| Driving rain tightness                               | DIN EN 1027                                   | $\geq 600 \text{ Pa}$ , MPA#   |
| Temperature resistant                                | -   | between -30 °C and 100 °C, max. 130 °C briefly   |
| Rated joint noise insulation dimension RST, $\omega$ | ift SC-01/2:2002-09                           | 42 dB (One sealing tape without insulation and 2nd sealing level)<br>59 dB (Two sealing tapes without heat-insulating layer), ift# |
| Weathering resistance                                | artificial weathering:<br>outdoor weathering: | > 10 years, MPA#<br>> 15 years, MPA#   |
| Compatibility with adjoining building materials      | DIN 18542:2009                                | yes, MPA#  |
| Resistance to alkaline media                         | -   | yes, MPA#  |
| Tensile strength                                     | DIN EN ISO 1798                               | > 100 kPa  |
| Elongation at break                                  | DIN EN ISO 1798                               | > 200 %  |
| Compressive strain deformation Properties            | DIN EN ISO 3386                               | 3,4 kPa ( $\pm 15 \%$ ), 40 % deformation  |
| Water vapour diffusion                               | DIN EN ISO 12572                              | $s_d < 0,5 \text{ m}$ , MPA#   |
| Caloric conductivity                                 | DIN EN 12667                                  | $\lambda = 0,0412 \text{ W/mK}$ , MPA#   |
| Emissions  | EMICODE <sup>®</sup>                          | EC1PLUS , GEV#   |
| Storage stability                                    | -   | 24 months from the date of production  |

# DIBt: German Institute for Construction Engineering, Berlin; MPA: Material Testing Agency Hanover; ift: ift Rosenheim; GEV: Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials

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# Hannoband<sup>®</sup>-BG1\* & BG1-M



## Technical Data BG1-M

|  |                      |  |
|--|----------------------|--|
| Colour   | -                    | light grey, grey, black with inside functional membrane  |
| Stress group   | DIN 18542:2009       | BG1, MPA <sup>#</sup>  |
| Fire behaviour / Building material class             | DIN 4102-1           | B1, MPA <sup>#</sup>   |
| Joint permeability                                   | DIN EN 12114         | $a_n < 1 \text{ m}^3 / (\text{h m dPa}^{2/3})$ , MPA <sup>#</sup>  |
| Heavy rain tightness                                 | DIN EN 1027          | $\geq 600 \text{ Pa}$ , MPA <sup>#</sup>   |
| Temperature resistant                                | -                    | between -30 °C and 100 °C, max. 130 °C briefly   |
| Rated joint noise insulation dimension RST, $\omega$ | ift SC-01/2:2002-09  | 56 dB (ein Dichtungsband ohne Dämmung und 2. Dichtebene)<br>62 dB (zwei Dichtungsbänder ohne Wärmedämmschicht)<br>ift <sup>#</sup> |
| Compatibility with adjoining building materials      | DIN 18542:2009       | yes, MPA <sup>#</sup>  |
| Water vapour diffusion                               | DIN 18542:2009       | $sd < 0,5\text{m}$ , MPA <sup>#</sup>  |
| Caloric conductivity                                 | DIN EN 12667         | $\lambda = 0,0429 \text{ W/mK}$ , MPA <sup>#</sup>   |
| Emissions  | EMICODE <sup>®</sup> | EC1 <sup>PLUS</sup> , GEV <sup>#</sup>   |
| Storage stability                                    | -                    | 12 months from the date of production  |
| Weathering resistance                                | -                    | yes  |

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