



M600

TAPE'N'TIGHT TAPE BG1 PREMIUM IMPREGNATED JOINT SEALING TAPE

TECHNICAL DATA SHEET

BENEFITS

- Resistant to a wind pressure of 1050 Pa against driving rain
- Long-term weather-resistant
- Joint sound insulation RST, W max. 59 dB
- Thermal conductivity $\lambda=0.0421$ W/mK
- Diffusion open
- Building materials class B1
- Weather resistant in the long term

PRODUCT DESCRIPTION

Bostik M600 TAPE'N'TIGHT TAPE BG1 is an impregnated pre-compressed soft polyurethane foam joint sealing tape with an acrylate dispersion impregnation, accessory agents and filling agents. **Bostik M600 TAPE'N'TIGHT TAPE BG1** is equipped with a one sided self-adhesive liner. After application the pre-compressed tape will expand slowly to fill the joint. At a compression of at least 30% of the maximum width the impregnated foam is watertight against driving rain up to 1050 Pa.

Bostik M600 TAPE'N'TIGHT TAPE BG1 fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik M600 TAPE'N'TIGHT TAPE BG1 can be put into universal sealing of joints in structural engineering. The preferred areas of use are window construction, wood construction, prefabricated construction and masonry, framework construction and concrete construction. **Bostik M600 TAPE'N'TIGHT TAPE BG1** provides advantages when it comes to sealing connection joints and expansion joints between various building components, and when sealing foils in roof extensions, so they are windproof.

Bostik M600 TAPE'N'TIGHT TAPE BG1 on the roll can be universally used, and also be inserted in existing joints due to the pre-compression. Even more imported **Bostik M600 TAPE'N'TIGHT TAPE BG1** is part of the energy saving and airtight

application segment and passive house, and can be used perfectly with the other two **TAPE'N'TIGHT** as well as the **Bostik P605 FOAM'N'FILL FLEX AIRSTOP** products, to assure an high level of airtightness, thermal bridging and high resistance against driving rain.

DIRECTIONS OF USE

How to determine the correct **Bostik M600 TAPE'N'TIGHT TAPE BG1** dimension, tape width and tape height and how to install the BG1 foam tape properly, can be read in the brochure Bostik Energy Saving & Airtight.



TECHNICAL DATA

| | | |
|---------------------------------------|-------------------|--|
| Application temperature | | +5°C to +30°C |
| Base | | Impregnated PU foam with acrylate dispersion |
| Compression factor | | Minimum 5 |
| Density | | 120-150 kg/m ³ |
| Elongation at break | | >200% |
| Fire behaviour | DIN 4102-1 | B1 |
| Frost resistant during transportation | | Up to -15°C |
| Joint permeability | EN 1026 / EN 1027 | 1050 Pa |
| Joint sound insulation | | 59 db; RST,W |
| Permeability | EN 1026 / EN 1027 | A = 0,2900 m ³ /h.m |
| Rain tightness | EN 1026 | ≥ 600 Pa |
| Stress group | DIN 18542 | BG1 |
| Temperature resistance | | -30°C to +100°C, short-term +130°C |
| Thermal conductivity | EN 12667 | λ = 0,0412 W/mK |

These values are typical properties and may vary +/-3%

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

SURFACE PREPARATIONS AND FINISHING

Application temperature +5°C to +30°C (applies to environment and substrates). All substrates must be solid, clean and free of grease and dust. Clean substrates with Cleaner. **Bostik M600**

TAPE'N'TIGHT TAPE BG1 adheres perfectly without the use of primer to most non porous substrates.

PAINTABILITY

Bostik M600 TAPE'N'TIGHT TAPE BG1 can be painted or covered with sealant/plaster We recommend testing compatibility with paint prior to application.

CLEANING

Hands can be cleaned with Wipes.

COLOUR(S)

- Anthracite
- Grey

PACKAGING

| Joint width | Reference | Joint depth | m ³ per roll | m ³ per box |
|-------------|------------|-------------|-------------------------|------------------------|
| 2 mm | 10/1.5-2.5 | 10 mm | 12.5 | 375,0 |
| | 15/1.5-2.5 | 15 mm | 12.5 | 250,0 |
| | 20/1.5-2.5 | 20 mm | 12.5 | 187.5 |
| 2-4 mm | 10/2-4 | 10 mm | 10.0 | 300.0 |
| | 15/2-4 | 15 mm | 10.0 | 200.0 |
| | 20/2-4 | 20 mm | 10.0 | 150.0 |
| 3-7 mm | 10/3-7 | 10 mm | 8.0 | 240.0 |
| | 15/3-7 | 15 mm | 8.0 | 160.0 |
| | 20/3-7 | 20 mm | 8.0 | 120.0 |
| 5-10 mm | 10/5-10 | 10 mm | 5.6 | 112.0 |
| | 15/5-10 | 15 mm | 5.6 | 84.0 |
| | 20/5-10 | 20 mm | 5.6 | 67.2 |
| | 30/5-10 | 30 mm | 5.6 | 56.0 |
| 7-12 mm | 15/7-12 | 15 mm | 4.3 | 86.0 |
| | 20/7-12 | 20 mm | 4.3 | 64.5 |
| | 30/7-12 | 30 mm | 4.3 | 43.0 |
| 8-15 mm | 20/8-15 | 20 mm | 3.3 | 49.5 |
| | 25/8-15 | 25 mm | 3.3 | 39.6 |
| 10-18 mm | 20/10-18 | 20 mm | 2.6 | 31.2 |
| | 25/10-18 | 25 mm | 2.6 | 26.0 |
| | 30/10-18 | 30 mm | MTO | MTO |
| 12-25 mm | 25/12-25 | 25 mm | MTO | MTO |
| 20-35 mm | 35/20-35 | 35 MM | MTO | MTO |

For product specifications, please refer to the Brochure Energy Saving & Airtightness

SHELF LIFE

In unopened original packaging between + 5°C and + 25°C, shelf life is up to 24 months from production date, stored in a dry place.

CERTIFICATIONS

- IFT Rosenheim, BG1
- Emicode EC1 Plus
- BRL 2802
- KOMO
- SKH
- EN 1026 & EN 12114
- EN 1027
- A+ French VOC Regulation

HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via the websites.

BREEAM

BREEAM is the world's leading sustainability assessment method for master planning projects, infrastructure and buildings. It recognises and reflects the value in higher performing assets across the built environment lifecycle, from new construction to in-use and refurbishment.

Bostik is able to support the BREEAM international scheme to provide independent third party certificates, as we can do for this product the **Bostik P605 FOAM'N'FILL FLEX AIRSTOP**. Due to the EC1 Plus, Bostik can provide the required 'proof' accordingly the Hea O2 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels

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