



M610

TAPE'N'TIGHT TAPE 2D

MULTI-FUNCTIONAL THERMAL INSULATING AND AIRTIGHT JOINT SEALING TAPE

TECHNICAL DATA SHEET

BENEFITS

- 1 Product for airtight and thermal insulation
- Meets requirements of BG-R
- Airtightness $a_n < 0,1 \text{ m}^3/\text{h}\cdot\text{m}$
- 2 Colours for easy application
- Joint sound insulation RST,W max. 53 dB
- Thermal conductivity $\lambda=0,0428 \text{ W/mK}$
- Building materials class B2

PRODUCT DESCRIPTION

Bostik M610 TAPE'N'TIGHT TAPE 2D is a pre-compressed and impregnated multifunctional joint sealing tape made of flexible polyurethane foam with acrylate dispersion impregnation and functional membrane for an airtight and thermal connection of window and door frames. The tape meets all the requirements for an airtightness and thermal performance. **Bostik M610 TAPE'N'TIGHT TAPE 2D** is equipped with a one sided self-adhesive liner. After application the pre-compressed tape will expand slowly to fill the joint. **Bostik M610 TAPE'N'TIGHT TAPE 2D** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea O2 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik M610 TAPE'N'TIGHT TAPE 2D 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 M610 TAPE'N'TIGHT TAPE 2D** provides advantages when it comes to sealing connection joints and expansion joints between various building components. It replaces polyurethane foams and inside sealants in one product, saving costs. **M610 TAPE'N'TIGHT TAPE 2D** is part of the energy saving and airtight application segment and passive house, and can be used perfectly with the other **TAPE'N'TIGHT** products, to assure an high level of

airtightness, thermal bridging and high resistance against driving rain.

DIRECTIONS OF USE

For the correct installation **Bostik M610 TAPE'N'TIGHT TAPE 2D** comes in one grey side and a black side, where the grey should be positioned to the interior and the black side facing the exterior. How to determine the correct **Bostik M610 TAPE'N'TIGHT TAPE 2D** dimension, tape width and tape height and how to install the TAPE 2D 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
Fire behaviour	DIN 4102-1	B1
Frost resistant during transportation		Up to -15°C
Joint permeability	EN 1026 / EN 1027	≥ 600 Pa
Joint sound insulation		43 db; RST,W
Permeability	EN 1026 / EN 1027	a < 0,1 m ³ /h.m
Rain tightness	EN 1026	≥ 600 Pa
Stress group	DIN 18542	MF2
Temperature resistance		-30°C to +60°C
Thermal conductivity	EN 12667	λ = 0,0389 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 M610**

TAPE'N'TIGHT TAPE 2D adheres perfectly without the use of primer to most non porous substrates.

PAINTABILITY

Bostik M610 TAPE'N'TIGHT TAPE 2D 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)

- Grey/Black in one product

PACKAGING

Window frame depth	Joint width	Joint depth
60 mm	4-9 mm	56/4-9
60 mm	6-15 mm	56/6-15
60 mm	10-20 mm	56/10-15
60 mm	15-30 mm	56/15-30
70 mm	4-9 mm	64/4-9
70 mm	6-15 mm	64/6-15
70 mm	10-20 mm	64/10-15
70 mm	15-30 mm	64/15-30
80 mm	4-9 mm	74/4-9
80 mm	6-15 mm	74/6-15
80 mm	10-20 mm	74/10-15
80 mm	15-30 mm	74/15-30
90 mm	4-9 mm	84/4-9
90 mm	6-15 mm	84/6-15
90 mm	10-20 mm	84/10-15
90 mm	15-30 mm	84/15-30

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 12 months from production date, stored in a dry place.

CERTIFICATIONS

- Emicode EC1 Plus
- EN 1026 & EN 12114
- EN 1027
- DIN 15854
- 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 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce

Bostik Benelux BV
Denariusstraat 11 • NL-4903 RC Oosterhout
Tel.: +31 (0)162 491 000
www.bostik.com

BOSTIK SMART SUPPORT

Smart help digital
Bostik.com/

Smart help
+31 (0)162 491 000

