



Bostik

M650

TAPE'N'TIGHT AIRTIGHT

PREMIUM FLEXIBLE AND VAPOUR PERMEABLE WINDOW FOIL

TECHNICAL DATA SHEET

BENEFITS

- Installation without additional adhesive(s)
- For driving rain tight connections ≥ 600 Pa
- Watertight acc. to DIN EN 13984 W1
- 12 months resistance to ultraviolet radiation
- Can be plastered/rendered
- Permeable to water vapour
- Applicable at low temperatures

PRODUCT DESCRIPTION

Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT is an airtight, vapour permeable and self-adhesive membrane for air and water tight connections between façades elements and supporting structures with an water based adhesive and a protective release paper. **Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT is specifically designed for sealing joints in (mounting) frames and wall connections. Airtight Tape is airtight but open to diffusion, so there is no risk of moisture accumulation, and therefore no appearance of fungi as can occur with bitumen and butyl based membranes with an aluminum carrier inside.

DIRECTIONS OF USE

Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT can be used at low temperatures to -10°C . When applying at temperatures below $+0^{\circ}\text{C}$, the substrate must be free of moisture and ice, as this will influence negatively the adhesion. The full adhesive strength will be achieved after thawing to $> +0^{\circ}\text{C}$. The substrates to bond on must be sufficiently and stable enough to adhere to. Insufficient or instable substrates, should be 'bonded'. By using a quick drying primer.

The most optimum adhesion of the **Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT** it is recommended to preheat the membrane at low temperatures to $+15^{\circ}\text{C}$ to $+25^{\circ}\text{C}$ before applying. Unroll **Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT** and measure approx. 5 cm cut excess length. Peel off the cover film and apply the onto the back of the window. Repeat this process on all sides of the window. Then align the window element, fix it, remove the remaining cover film and apply the **Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT** to the building construction. Firmly press, by using a roller, the whole membrane to the building construction. No additional adhesive is required for bonding to the substrate.



TECHNICAL DATA

Application temperature		-10°C to $+40^{\circ}\text{C}$
Base		PP Fleece and acrylic adhesive
Density	DIN EN 1849	$360 \text{ g/m}^2 \pm 20\%$
Fire class	EN 13501	E
sd-Value	DIN EN 1931	Ca. 0,05 m
Permeability	DIN EN 1026	$a_n < 0,1 \text{ m}^3/\text{h}\cdot\text{m}$
Rain tightness	DIN EN 1027	$\geq 1.050 \text{ Pa}$
Thickness	DIN EN 1849	$0.7 \text{ mm} \pm 20\%$
Tensile strength	DIN EN 12311-2	$\geq 250 \text{ N/5cm}$
Temperature resistance		-40°C to $+80^{\circ}\text{C}$
UV exposure		12 months
Watertightness	DIN EN 1928/13984	W1

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 -10°C to +40°C (applies to environment and substrates). Recommended product temperature +15°C to +25°C. Moisture and ice must be removed from the bonding surface, prior to the application of the membrane! All substrates must be solid, clean and free of grease and dust. Clean substrates with Cleaner. Instable or inefficient substrates, to be strengthened with B&B Primer Universal (Zwaluw® portfolio). **Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT** adheres perfectly without the use of primer to many types of window frames and most common building materials. Always test the adhesion on the substrates prior to the application.

PAINTABILITY

Bostik M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT 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)

- Black

PACKAGING

Width	Roll length	Rolls per box	Meters per box
50 mm	30 meter	8 rolls	240 meter
75 mm	30 meter	5 rolls	150 meter
100 mm	30 meter	4 rolls	120 meter
150 mm	30 meter	2 rolls	60 meter
200 mm	30 meter	2 rolls	60 meter
250 mm	30 meter	1 roll per box	30 meter

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.

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CERTIFICATIONS

- Emission EC1 Plus
- EN 1027

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 M650 FOIL'N'FIX WINDOW FOIL AIRTIGHT**. 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.

BOSTIK SMART SUPPORT

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