



P605

FOAM'N'FILL FLEX AIRSTOP

FLEXIBLE HIGH INSULATING AND AIRTIGHT POLYURETHANE GUN FOAM

TECHNICAL DATA SHEET

BENEFITS

- Extreme low air loss, most air tight foam available on the market and tested till 1050 Pa
- Flexible formulation, applicable in joints with high movement
- Provides great sound reduction
- High yield
- Excellent adhesion properties
- Highly certificated
- Perfect fit with Bostik window membranes

PRODUCT DESCRIPTION

Bostik P605 FOAM'N'FILL FLEX AIRSTOP is an one component professional flexible thermal and sound insulation B3 polyurethane foam providing an extreme low airloss. **Bostik P605 FOAM'N'FILL FLEX AIRSTOP** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik P605 FOAM'N'FILL FLEX AIRSTOP is specially developed for creating airtight, thermally and sound insulated joint around window frames, construction joints, partition walls, ceiling and floor joints, surface penetration of pipes and tubes through walls and floors. Ideal for use in Passive Housing and energy neutral buildings. In general **Bostik P605 FOAM'N'FILL FLEX AIRSTOP** has an excellent adhesion to concrete, stone, plaster, wood, metal and many plastics like EPS and XPS, rigid PU foam and uPVC.

DIRECTIONS OF USE

Canister temperature: + 5°C to + 30°C (although +15°C to + 25°C is recommended) Application temperature (applies to environment and substrates): + 5°C to + 35°C (recommended + 15°C to + 25°C). Hold the canister with the valve turned upwards and affix an applicator gun with NBS-thread to the canister. We recommend a NBS Gold (see instructions in the gun box). Shake the canister vigorously prior to use at least 20 times. Turn

canister upside down and apply the foam. To regulate the flow of the foam, loosen the valve at the back of the handle. Half fill the cavity and, in case of low humidity, lightly spray the foam with water. The foam will expand to fill the rest. Protect eyes, wear gloves and protective gear. Floor-covering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4cm should be filled in multiple layers. Wait 15-30 minutes between applications. Before each application lightly spray with water. Only use in well ventilated areas. Store canister upright between + 5°C and + 25°C. Pressurized container! Protect from sunlight and do not expose to temperatures exceeding + 50°C. Do not pierce or burn, even after use. Contains flammable propellants. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. No smoking.



TECHNICAL DATA

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time	FEICA TM1015	80 - 100 minutes
Cutting time	FEICA TM1005	20 - 40 minutes
Density		20-25 kg/m ³
Fire behaviour	DIN 4102-1	B3
Joint sound insulation		63 dB
Permeability	EN 1026 / EN 1027	A < 0,001 dm ³ /m.s
Permeability test	EN 1026 / EN 1027	1050 Pa
Tack free time	FEICA TM1014	6 - 10 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Water absorption wp		0,15 kg/m ²
Water vapour diffusion resistance factor		36 μ
Water vapour diffusion sd		1,3m
Yield	FEICA TM1003	500 ml = 32 litre 750 ml = 50 litre

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

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for use filling cavities with insufficient moisture

SURFACE PREPARATIONS AND FINISHING

Substrates must be clean and free of dust, oil and grease. It is important to moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.

PAINTABILITY

Bostik P605 FOAM'N'FILL FLEX AIRSTOP can be painted or covered with sealant/plaster when fully cured.

CLEANING

Fresh foam can be removed immediately with **Bostik P100 FOAM'N'CLEAN POWER**. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

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Bostik Benelux BV

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

COLOUR(S)

- White

PACKAGING

- 750 ml cans, 12 per box

For product specifications, please refer to the Online Product Detail Page

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

- EN 1026 & EN 12114
- EN 12086 Water vapour transmission
- EN 1609 Water vapour partial immersion
- ISO 10534 - Sound absorption coefficient
- DIN 12354-3 Joint Sound Insulation
- DIN 18542 Air Permeability
- EC1 Plus
- 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.

BOSTIK SMART SUPPORT

Smart help digital
Bostik.com/

Smart help
+31 (0)162 491 000

