

Bostik P605 FOAM'N'FILL FLEX AIRSTOP

Flexible high insulating and airtight polyurethane gun foam



Product Description

BOSTIK P605 FOAM'N'FILL FLEX AIRSTOP is a 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).

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

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. Floorcovering 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.

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Additional information

Application temperature		-5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		80-100 minutes
Cutting time	EN 17333-3	20-40 minutes
Density		20-25 kg/m ³
Dimensional stability		-5% < DS < 0%
Fire behaviour		B3
Joint sound insulation		63 dB
Movement Capability		25%
Permeability	EN 1026	a ≤ 0,001 dm ³ /m.s. @ 1050 Pa
Permeability test		Up to 1050 Pa
Tack free time	EN 17333-3	6-10 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Total foam yield	EN 17333-1	750 ml = 30-35 liter
Water absorption wp		0,15kg/m ²
Water vapour diffusion resistance factor		36μ
Water vapour diffusion sd		1,3m

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for permanent water load. Not suitable for use (eg filling) in 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'CLEAR POWER. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

Colour(s)

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Packaging


- Can

For product specifications, please refer to the Product Detail Page

Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 12 months from production date. Store the canisters in an upright position.

Certifications

	EN 12086 Water vapour transmission EN 1609 Water vapour partial immersion ISO 717-1 Joint Sound Insulation
	EMICODE EC1 Plus – very low emission

Health & Safety

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

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Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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