

Bostik P545 FOAM'N'FILL PRO B2

Professional Gun Grade B2 polyurethane foam



Product Description

BOSTIK P545 FOAM'N'FILL PRO B2 is an one component professional insulation and construction B2 polyurethane foam. BOSTIK P545 FOAM'N'FILL PRO B2 fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

Benefits

- Professional formula
- Fire behaviour B2
- High contribution to noise reduction
- High thermal insulation
- EC1 Plus and A+ certified

Applications

BOSTIK P545 FOAM'N'FILL PRO B2 is specially developed to fill joints around window and door frames and in construction, partition walls, ceiling and floor joints, surface penetrations of pipes and tubes through walls and floors. In general BOSTIK P545 FOAM'N'FILL PRO B2 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. For fixing window and door frames Bostik recommends to use the P745 FOAM'N'FIX B2, P550 FOAM'N'FIX TURBO B2 or P345 FOAM'N'FIX 2C B2. 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.

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Additional information

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		60-80 minutes
Cutting time	EN 17333-3	40-60 minutes
Density		15-20 kg/m ³
Fire behaviour		B2
Joint sound insulation		61 dB
Tack free time	EN 17333-3	8-12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Total foam yield	EN 17333-1	750 ml = 40-45 liter

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 P545 FOAM'N'FILL PRO B2 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)

- Green

Packaging


- Can

For product specifications, please refer to the Product Detail Page

Shelf Life

If kept in unopened original packaging between +5°C and +25°C and stored in a dry place, the shelf life is up to 18 months from production date. Store the canisters in an upright position.

Certifications

	DIN 4102-1 Reaction to fire ISO 717-1 Joint Sound Insulation EN 12667 Thermal Performance VOC emissions ISO 16000
	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

Warranty & Guarantee

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

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