



# P545

## FOAM'N'FILL PRO B2 PROFESSIONAL GUN GRADE B2 POLYURETHANE FOAM

### TECHNICAL DATA SHEET

#### BENEFITS

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

#### 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).

#### 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.



## TECHNICAL DATA

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		80-100 minutes
Cutting time	EN 17333-3	40-60 minutes
Density		15-20 kg/m <sup>3</sup>
Fire behaviour	DIN 4102-1	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
Yield	EN 17333-1	750 ml = 40-45 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 permanent water load
- 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 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'CLEAN POWER**. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

## COLOUR(S)

- Green

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 B.V.

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

## 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 18 months from production date, stored in a dry place.

## CERTIFICATIONS

- DIN 4102-1 Reaction to fire
- ISO 717-1 Joint Sound Insulation
- 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 P545 FOAM'N'FILL PRO B2**. 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/](https://www.bostik.com/)

Smart help  
+31 (0)162 491 000

