



# P305

## FOAM'N'FILL PRO B3 PROFESSIONAL GUN GRADE B3 POLYURETHANE FOAM

### TECHNICAL DATA SHEET

#### BENEFITS

- High contribution to noise reduction
- High thermal insulation
- EC1 Plus and A+ certified

#### PRODUCT DESCRIPTION

**Bostik P305 FOAM'N'FILL PRO B3** is an one component professional insulation and construction B3 polyurethane foam. **Bostik P305 FOAM'N'FILL PRO B3** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

#### APPLICATIONS

**Bostik P305 FOAM'N'FILL PRO B3** 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 P305 FOAM'N'FILL PRO B3** 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	FEICA TM1015	80-100 minutes
Cutting time	FEICA TM1005	20-40 minutes
Density		18-25 kg/m <sup>3</sup>
Fire behaviour	DIN 4102-1	B3
Joint sound insulation		62 dB
Tack free time	FEICA TM1014	8-12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Yield	FEICA TM1003	750 ml = 35-40 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 P305 FOAM'N'FILL PRO B3** 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)

- Yellow

## 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

- ISO 717-1 Joint Sound Insulation
- EN 1609 Water vapour partial immersion
- EN 12086 Water vapour transmission
- EN 12667 Thermal Performance
- DIN 12354-3 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 P305 FOAM'N'FILL PRO B3**. 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.

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