



P745

FOAM'N'FIX B2

TWO COMPONENT MOUNTING AND INSULATION POLYURETHANE FOAM

TECHNICAL DATA SHEET

BENEFITS

- 2-Component, for filling cavities and wholes with insufficient access to moisture
- Fire Behaviour B2
- Installation of door frames
- High contribution to noise reduction
- High thermal insulation
- EC1 Plus and A+ certified

PRODUCT DESCRIPTION

Bostik P745 FOAM'N'FIX B2 is a two component mounting and insulation B2 polyurethane foam. **Bostik P745 FOAM'N'FIX 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 P745 FOAM'N'FIX B2 is specially developed for mounting and installing of interior door frames up to a weight of maximum 40 kg! **Bostik P745 FOAM'N'FIX B2** can also be used for areas where insufficient humidity is accessible. In general **Bostik P745 FOAM'N'FIX 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: +15°C to +25°C. Application temperature (applies to environment and substrates): +10°C to +35°C. In case of lower temperatures or extreme wide joints, let the mixed material in the can rest for 1 to 2 minutes after activation before applying. Still the total maximum duration after activation to apply the foam is 5 minutes! Once the two components are mixed the mixture will generate heat and this might burst the can when the material is still in the can.

Remove cap and screw the straw onto the canister. Activate the mixture of both components by rotating the activation disk at the bottom of the canister 6 times and shake the canister vigorously prior to use at least 20

times. The foam should be coloured homogeneously. In case of colour differences, shake canister again.

Fixing interior doors:

- Maximum weight of door and frame should not exceed 40 kg
- Most of all, before starting with installation of the door, check door and frame manufacturer's instructions
- Use spacers and wedges for temporary fixing and adjusting
- Use dedicated frame spreaders with integrated clamps to prevent deformation of the frame
- The spacers must be positioned at the height of both hinges and the lock
- Measure the width inside the doorframe at the top, middle and bottom. The distance should be the same everywhere. Check both top corners, they should be right-angled
- Before applying PU Foam the door should be levelled and checked whether it opens properly
- The door frame and the bottom should be protected with paper or masking tape in order to prevent soiling
- Wetted surface by the foam on the back site of the door frame minimum 30%
- Foam adhesive width between 8 and 25 mm
- **Bostik P745 FOAM'N'FIX B2** should be sprayed in the joint between wall and doorframe in the positions of the spacer on both sides, usually total in 6 spots
- After fully curing of the **Bostik P745 FOAM'N'FIX B2**, the void between door frame and walls must be filled with 1C Bostik PU Foam
- DO NOT remove spacers in this phase or add spacers as described during the application of the 1C Bostik PU Foam
- The spacers must not be removed before the foam is fully cured, wait at least 3 h, depending the ambient conditions. Within the rooms with very dry air the 24 h waiting time may be needed
- Remarks:
 - o Post expansion might occur at low temperatures during applications
 - o Can temperature may never exceed 25°C

Insulation foam in areas with insufficient humidity:

- To apply foam, turn the canister upside down and press the adaptor. Half fill the cavity. The foam will expand to fill the rest.

General:

- 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		30-40 minutes
Cutting time	EN 17333-3	10 minutes
Density		30-35 kg/m ³
Fire behaviour	DIN 4102-1	B2
Tack free time	EN 17333-3	6 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Yield	EN 17333-1	400 ml = 10 litre

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



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LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for permanent water load

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.

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

- 400 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

- DIN 4102-1 Reaction to fire
- EN 13501-2 Classification of fire resistance
- 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.

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