

P310

EXPANDA FOAM CLASSIC B3 HAND HELD POLYURETHANE FOAM

TECHNICAL DATA SHEET

BENEFITS

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

PRODUCT DESCRIPTION

Bostik P310 EXPANDA FOAM CLASSIC is an one component insulation and construction B3 polyurethane foam. **Bostik P310 EXPANDA FOAM CLASSIC** fulfils BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea O2 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik P310 EXPANDA FOAM CLASSIC is specially developed to fill joints around window and doorframes and in construction, partition walls, ceiling and floor joints, surface penetrations of pipes and tubes through walls and floors. In general, **Bostik P310 EXPANDA FOAM CLASSIC** 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). Remove cap and screw the straw firmly onto the valve. Shake the canister vigorously prior to use at least 20 times. To apply foam, turn the canister upside down and press the adaptor. 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	100-120 minutes
Cutting time	FEICA TM1005	30-50 minutes
Density		25-35 kg/m ³
Fire behaviour	DIN 4102-1	B3
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 = 20-25 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 P310 EXPANDA FOAM CLASSIC 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

- 500 ml cans, 12 per box
- 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 12 months from production date, stored in a dry place.

CERTIFICATIONS

- EC1 Plus
- ISO 717-1 Joint Sound Insulation
- EN 1609 Water vapour partial immersion
- EN 12086 Water vapour transmission
- EN 12667 Thermal Performance
- 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.

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

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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 P310 EXPANDA FOAM CLASSIC**. 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

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