

Technical Information

Gun Grade Expanding PU Foam B2



Product Description

Field of Application:

A quick setting, one part, polyurethane foam for use with PU foam applicator guns. The foam expands up to 50 times its original volume and expands on application by 150%.

The foam is used to fill small gaps between expanded polystyrene, phenolic or PIR insulation boards when installed as part of a Permarock External Wall Insulation System

Notes on use:

- Carefully read instructions and text in warning box before use
- Do not over pressurize container
- Only for use above 5 °C
- Clean spills immediately with Everflex Foam Cleaner
- Always clean the application gun with Everflex Foam Cleaner until the jet is clear of foam. Leave the canister attached until the gun has to be used again
- For fire rated joints, only non-combustible foams shall be used. B2-rated foam is not classed as non-combustible.
- Once cured, the dry foam must be removed mechanically. Removal using solvents is not possible.

Technical Data:

Expansion:	37 litres (750 ml can)
Cell structure:	Medium fine
Tack free:	Approx. 8 minutes
Cuttability:	20 minutes to 2 hours, depending on bead dimensions
Working temperature:	+5 °C to +25 °C (optimum +20 °C)
Tensile strength:	18 kPa (DIN 53455)
Elongation at tension:	30% (DIN 53455)
Shear strength:	8 kPa (DIN 53422)
Flexural strength:	20 kPa (DIN 53423)
Compressive strength:	5 kPa (DIN 53421) at 10% stress
Water absorption:	0.3 Vol% (DIN 53428)
Thermal conductivity:	0.04 W/mK (DIN 52612)
Temperature resistance:	Long term: - 40 °C - +100 °C

Benefits:

- Quick setting: Can be cut, sawn or rendered over in 1-2 hours
- Economical in use - expands up to 50 times its original volume
- Fills irregular gaps
- Possesses insulating and sound deadening properties

Pack size:

750 ml canister (box of 12)

Storage:

Store upright between 25 and 20°C. Pressurized container. Protect from sunlight and do not expose to temperatures above 50°C. Do not pierce or burn the can, even after use. Store as flammable liquid.

Note: Elevated temperatures will reduce shelf life considerably.

Shelf Life:

12 months in original containers at stated storage temperatures.

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