



PU CONSTRUCT B1

PROFESSIONAL FIRE-RESISTANT POLYURETHANE FOAM

PRODUCT DESCRIPTION

Professional and universal polyurethane foam with a large expansion capacity. For isolating, bonding, sealing and filling of seams, joints, gaps, holes and cracks. Can be used indoors and outdoors. Fire retardant, flammability class B1.

FIELD OF APPLICATION

Suitable for sealing and filling of seams, joints, cracks, holes and tears in, e.g., wall partitions, window and door frames, roof sheathing, chimneys, dormers and penetrations of pipes, tubes, cables and power lines. Works against heat loss, cold drafts, noise and humidity. Bonds to many building materials such as wood, concrete, stone, masonry, plasterwork, metal, glass and many synthetics such as polystyrene foam (Styrofoam), polyester, PVC and rigid polyurethane foam. Not suitable for applications on polyethylene film, silicon sealant and PTFE.

PROPERTIES

- Fire retardant: Flammability class B1.
- Large filling capacity
- High insulation value
- Excellent bonding on many surfaces
- Can be used internally and externally
- Paintable
- Resistant to water and many chemicals
- CFC and HCFC-free (ozone friendly)

QUALITY LABELS/STANDARDS

Standards: DIN 4102-1: Flammability of construction products, classification B1: Fire resistant.

PREPARATION

Working conditions: Only apply at temperatures between +5°C and +40°C.

Personal safety: Wear gloves, goggles and protective clothing during use. Also provide adequate ventilation.

Preliminary surface treatment: The substrate must be thoroughly free of dust and grease. Preferably moisten dry surfaces to optimise adhesion and yield.

APPLICATION

Shake the can well before each use; at least 20x. Hold the can upside down while spraying.

Stains/residue: Remove fresh spots immediately with Bostik PU Cleaner. Cured stains can only be removed mechanically.

Advice: For outdoor use, we recommend to always give the foam a protective layer of paint.

Points of attention: PU foam has a high expanding capacity. In order to prevent deformation of these materials, please fixate where necessary.

CURE TIMES*

Skinover time: approx. 10 minutes

Drying/Curing time: approx. 1 hour (bead size 30mm, at a temperature of 20°C and RH of 60%)

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Moisture resistance: Good

Temperature resistance: -40°C to +100°C

UV resistance: Moderate

Chemicals resistance: Good

Paintability: Good

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: PU Prepolymer

Colour: Cream

STORAGE CONDITIONS

At least 12 months after production. Broken packaging has very limited storage life. Store in properly sealed packaging in a dry place at between +5°C and +25°C.