



# PU CONSTRUCT B2

PROFESSIONAL, FLAME RETARDANT (B2) INJECTION

POLYURETHANE FOAM WITH HIGH EXPANSION CAPACITY.



## PRODUCT DESCRIPTION

Professional, flame retardant (B2) single-component polyurethane foam with high expansion capacity. For isolating, bonding, sealing and filling of seams, joints, cracks, holes and tears.

## FIELD OF APPLICATION

for sealing and filling of seams, joints, cracks, holes and tears in wall partitions, window and door frames, roof boards, 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 (B2)
- 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 B2: Fire retardant.

## PREPARATION

**Working conditions:** Spray can and ambient temperature should be between +5°C and +35°C (ideally between +15°C and +20°C).

**Personal safety:** While using, wear gloves, goggles and protective clothing and ensure adequate ventilation.

**Preliminary surface treatment:** The substrate must be thoroughly free of dust and grease. Dry surfaces should preferably be moistened since this optimises bonding and the result.

**Tools:** PU foam gun

## APPLICATION

### Directions for use:

Shake the can well before each use; at least 20x. Screw the can in the PU foam gun. Fill the joint or area for about 50%. The amount applied will expand to about 2 to 3 times the original volume. For filling large volumes apply foam in layers and allow to froth. Moisten between each layer. After curing, the foam can be cut, drilled and painted, and, if desired, plastered. After use, clean the PU foam gun by spraying with a cleaner.

**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 upright in properly closed packaging between +5°C and +25°C.