



# B1 Foam

HARDLY INFLAMMABLE, DOSABLE INSULATION AND MOUNTING FOAM

- ✓ Accurately dosable with or without gun.
- ✓ Controlled expansion without post-expansion or contraction.
- ✓ Applicable at temperatures up to -10 ° C.

## Technical Info

- Base material: polyurethane.
- Colour: green.
- Curing time: +/- 60 minutes.
- Non-adherence of surfaces: 9 -11 minutes.
- Cutting of foam thickness of: 30 - 35 minutes 20 mm.
- Apparent particle density: 17 - 19 g/l.
- eat conductivity: 0.035 W/mk.
- Adherence: adheres to almost all surfaces, excepted from polyethylene, polypropylene, PTFE, some very smooth surfaces and synthetic materials.
- Classification fire resistance: B1, according to DIN-norm 4102 - difficult inflammable.
- Thermal conductivity (DIN 52612): 37 mW/m.K.
- Acoustic insulation (EN ISO 717-1): 58 dB.
- Temperature resistance: - 40°C to +90°C, momentary to +110°C.
- Processing: the temperature of the product has to be at least 5°C, the temperature of the surface has to be between -10°C and +35°C.
- Ideal product temperature: +20°C.
- 1 can = 38,5 litres of foam in free space and under ideal air humidity and temperature conditions.
- Shelf life: 18 months, keep dry, cool and frost-proof.
- Safety measures: consult the Safety Data Sheet.

## Product [B1 F]

### Characteristics

B1 Foam is a B1 PUR foam within the German DIN4102 standard, has a high insulation value both thermally and acoustically and meets noise standards up to 57 db. B1 Foam adheres excellently to most materials and has a high form stability; no shrinkage or post-expansion.

### Applications

- smoke-resistant sealant between walls, floors and ceilings.
- optimizing insulation in cooling technology.
- assembling doors, frames, panels, windows, ... in plastic, aluminum, wood, metal, ....
- thermal insulation of building components and pipes.
- foaming of connecting joints between, among other things, window frames, roof windows and brickwork.

## Packing

B1-Foam - aerosol 750ml

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## Use

As from 24 August 2023 adequate training is required before industrial or professional use.

- Shake before use.
- Apply on pure and stable surface.
- Protect adjacent surfaces.

Moistening the substrate promotes adhesion and accelerates curing. Moistening between the layers and on the top layer also accelerates the curing and increases the build-up capacity. Lower foam efficiency at low temperatures and freezing temperatures. For the use of the gun see Foam gun. Clamp the bus with every transport.

