

## B1F

### MEASURABLE INSULATION AND MOUNTING FOAM

- Accurate dosing.
- No after-expansion.
- Controlled expansion.
- High form stability, shrink-proof.
- Applicable at temperatures to -10°C.
- Excellent mounting characteristics.
- Perfect adhesion to most materials.
- Corresponds to building classification B1.



### NOTICE

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## B1-FOAM

### GENERAL INFORMATION

B1 FOAM meets the fire resistance class B1, which is the best fire resistance classification that can be obtained for a PU-foam. B1 FOAM has a high insulating value, thermic as well

as acoustic, and meets all noise standards to 57 db. B1 FOAM has an excellent adhesive power to most materials. B1 FOAM has a high form stability; no shrinkage or post-expansion.

### TECHNICAL INFORMATION AND PACKAGING

Base material: polyurethane.  
Consumption: the content is sufficient for 40 m open sprayed joints (joint size 2 x 5 cm).  
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.  
Heat conductivity: 0.035 W/mk (thermal conductivity).  
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.  
Sound insulation: < 57 db.  
Shear strength: 4,0 N/cm².  
Temperature resistance: - 40°C 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.  
Shelf life: 12 months, keep dry, cool and frost-proof.  
Safety measures: consult the Safety Data Sheet.

### APPLICATION AND USE

- mounting fireproof doors and windows
- fire and smoke preventing sealant between walls, floors and ceilings
- sealing all holes in roof structures
- applying a sound insulating layer
- optimizing insulation in cold-storage technique
- mounting doors, window frames, panels, windows, ... in plastic, aluminium, wood, metal
- sealing of connections to roofs, walls, ship floors and ceilings, skylights, brickwork, ...
- insulation of pipes
- filling of walls, joints, ...
- insulating parts of a construction against heat, cold and air flow
- filling of connecting joints between e.g. window frames, skylights and brickwork
- filling of hollow spaces, e.g. cavity walls, holes in concrete, cavities in corrugated sheets, drilled holes in walls, ...
- ideal as sound insulation and to prevent a thermal bridge
- mounting of parts for which fire retarding is important

| Article nr | Name         | Content | Section                |
|------------|--------------|---------|------------------------|
| N670505    | B1 Foam      | 750ml   | ADHESIVES AND SEALANTS |
| N670901    | Pro Foam Gun | 1pc.    | TOOLS                  |
| N670902    | Foam Gun     | 1pc.    | TOOLS                  |

