

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.



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

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 |



NOTICE

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