

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

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Novatio is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Novatio products provide, relates only to the standard conditions of sale of this product. In no case Novatio can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

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

