

TECHNICAL DATA SHEET



Fireproof mounting foam

FOME FLEX FIRE BLOCK PISTOL FOAM, 750 ML

Description

FOME FLEX Fire Block Pistol Foam - fire resistant pistols, single component, polyurethane mounting foam. The product is designed for seams, for filling joints between solid mineral and metal structures insulation and installation of materials and various elements (electrical installations, fire doors, safes, etc.). Used in places where foam requirements for increased fire resistance. The foam adheres perfectly to many building materials such as concrete, gas silicate, wood, metal, glass and aluminum. Can harden faster with additional hydration. Fill the cavities to 30-50% by volume - after the hardening foam will expand. Usage temperature from +5 °C to +30 °C. If foam is used at low temperature, the vial must be warmed to +18 °C by placing it in warm water or a warm room. It is best to clean the residue of undried foam with a foam cleaner Foam Cleaner Fome Flex. Remove hardened foam mechanically. Fire resistance class B1 / EI 240.

Advantages

- Fire resistance class B1 according to EN 13501-1 EL 30, EL 60, EL 240.
- Yield up to 45 liters.
- Cutting time (20 mm) 10 minutes.
- Tensile strength (adhesion force) 8 N/cm²
- Operating ambient temperature +5 °C ... +30 °C.

Perfect adhesion to:

- Wood
- Concrete
- Any type of metal
- PVC
- Brick
- Plasterboard
- EPS and XPS
- Tiles

Areas of application

Sealing of windows and doors. Heat and sound insulation in places where foam requirements for increased fire resistance. The foam adheres perfectly to many building materials such as concrete, gas silicate, wood, metal, glass and aluminum.

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Technical data

Indicator	Value
Color	brown
Fire resistance class (DIN 4102-1 / EN 13501-2)	B1/EI240
Thermal conductivity	0,040 W/mK
pellicle formation	5-8 min.
Can be cut after (20 mm seam)	10 min.
Water absorption (DIN 53433)	0,3%
Density	18-22 kg/m ³
Temperature resistance after solidification	-40 °C ... +80 °C
Working environment temperature	+5 °C ... +30 °C
Tensile strength (adhesion force) (DIN 53430)	8 N/cm ²
Shear force (DIN 53427)	4 N/cm ²
Compression force (DIN 53421)	2 N/cm ²
Yield	Up to 45 liters
Material volume	750 ml

Certification

DIN 4102-1
EN 13501-2

Instructions for use

Shake the vial vigorously and screw on the gun. Thoroughly clean and moisten the surface you are gonna use. Invert the vial valve down. To adjust the mounting foam spray flow, rotate the valve on the back of the gun handle. Fill the cavity with foam. Operating temperature from -5 °C to +30 °C. If foam is used at low temperature, the vial must be warmed to +18 °C by placing it in warm water or a warm room. Undried foam residues are best cleaned with Foam Cleaner Fome Flex. Remove hardened foam mechanically.

Storage conditions

Store upright in a dry place at a temperature of +5 °C to +25 °C. Expiry date - 18 months from date of manufacture in accordance with storage rules. Protect vials from direct sunlight and heat above 50 °C.

Package

1000 ml aerosol bottle, material volume 750 ml, 12 pcs. in the box.

Safety instructions

The safety data sheets of the product must be read before use. Safety data sheets are available upon request from official distributors.

Waste management

Completely empty the package and dispose of it as required.