



CHARACTERISTICS

- One-component polyurethane fire-retardant foam
- Fire-resistant up to 240 minutes when applied between mineral materials
- To be applied with a gun
- Free of CFC's (ozon friendly)
- The can has a safety valve in special synthetic material:
 - no intrusion of moisture
 - horizontal and vertical storage of can is possible
 - no vulcanization behind the valve (no reaction of moisture with prepolymer).
 - no foam breakout through the valve
- Cured foam can be cut, sawn and plastered.
- High volume - low expansion
- Resistant against water, heath and chemicals

APPLICATIONS

- Excellent adherence on concrete, brickwork, stone, plastering, metals, hard and soft wood, synthetics such as polystyrene, PU-foam, polyester, PVC.
- For the filling, sealing and insulating of big irregular gaps and joints, when fire retarding is required
 - sealing between wall and ceiling
 - between prefab elements
 - filling of entrance door linings and window settings

TECHNICAL CHARACTERISTICS	
Base	polyurethane-prepolymer
Colour	Pink
Curing system	Moisture
Fully cured	After 24 h (30 mm foam bead)
Density	12 - 14 kg/cm ³
Yield	40 - 45 l (750 ml)
Processing temperature	+5°C - +30°C, ideal 20°C
Shelf life, in the original packing in a cool and dry area.	21 months
Fire class	B1 (DIN 4102) B, s1, d0 (EN13501-1:2007+A1:2010)
Fire resistance : EN 1366-4:2006 + A1:2010	Up to 240 min.
Tack free	After 8 min
Can be cut	After 45 min
Tensile strength	0,10 N/mm ²
Temperature resistance	Long term : -40°C - +80°C Short term : -40°C - +100°C
Compression resistance : ISO 844	58 kPa
Elasticity limit	180 kPa
Movement capacity	10% max.
Water absorption : DIN 53428	0,3 vol. %
Thermal conductivity : DIN 52612	0,03 W/m ² K
Acoustic insulation value : EN 12354-3	- 10 mm : RST, W (C; Ctr) = 60 (-2; -5) dB - 20 mm: RST, W (C; Ctr) = 60 (-2; -5) dB

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

PACKING AND COLOURS

12 cans of 750 ml/box - 56 boxes/pallet

METHOD OF USE

Preparation

Ensure surfaces to be treated are clean, free of dust and grease. Moisten dry and porous surfaces for a good foam adhesion.

Application

- Use protective gloves and avoid contact with skin. Shake can vigorously 20 to 30 times before use.
- Screw the can onto the gun according to the instructions.
- The dispensing volume can be controlled by using the gun trigger and the adjustment screw. Joints and cavities should only be filled 70%. When filling deep holes and joints the foam should be applied in several layers which should be moistened in between.
- Start foaming at the lowest and deepest point.

Cleaning

Fresh foam spills must be removed immediately within the tack-free time with **Parafoam Gun & Spray cleaner**. Cured foam can only be removed mechanically or with **Parafoam remover**.

SAFETY

Safety data sheet available on request.

LIMITATIONS

- Not UV resistant: protect joint from sunlight by painting.
- Does not adhere to silicones and polyethylene

TECHNICAL APPROVALS

Parafoam FR NBS has been tested for use in fire resistant linear joint seals according to norm EN 1366-4:2006+A1:2010 and classified according to EN13501-2:2009+A1:2010. Depending on the specific linear joint seal design, a fire resistance of up to 240 min is achievable.

- AFITI Classification report nr. 2132T10-15. AFITI Technical report nr. 2132T10-8 sup 3.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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