

Expanding Foam



Features and Benefits

- One-component polyurethane foam based on a moisture curing polyurethane pre-polymer
- Accurately controlled application with NBS gun
- CFC and HCFC free (ozone friendly)
- The can has a safety valve in special synthetic material: no intrusion of moisture
- Cured foam can be cut, sawn, plastered and painted
- High volume – low expansion
- Resistant against water, heat and chemicals
- Good thermal and acoustic insulation

Application

- Excellent adhesion to concrete, masonry, stone, plasterwork, wood, fibre cement and metals
- Filling, sealing and insulating of joints. Partition walls with ceilings
- Structural space between window and door frames and walls
- Structural and fitting space between prefabricated construction elements
- Seams between chimneys, roof protection, roof panels and wall panels

Preparation

- Surfaces should be sound and free of dust and grease
- Porous surfaces should be pre-moistened with water

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

Packing and Colours

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

Limitations

- Not UV resistant
- Does not adhere to silicones and polyethylene

Method of application

- Shake can vigorously before use (20 to 30 times)
- Screw the can onto the gun according to the instructions
- Hold the can upside down when extruding the foam
- The dispensing volume can be controlled by using the gun trigger and the adjustment screw
- Joint and cavities should only be filled 70%
- When filling deep holes and joints the foam should be applied in beads at short intervals of 1 hour

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.

Expanding Parafoam

Technical Data

Base	Polyurethane-pre-polymer
Colour	Beige-yellow
Curing system	Moisture curing
Density: Feica TM 1002: 2014	20-25kg/cm ³
Yield: Feica TM 1003: 2013	50-55 l (750ml)
Fire class: DIN 4102, part 1	B3
Tack free: Feica TM 1014: 2013	After 10-14 min
Can be cut: Feica TM 1005: 2013	After 30-40min
Cured	After 1h (30mm foam bead)
Processing temperature	+5°C - +30°C
Optimal can temperature	20°C
Temperature resistance	-50°C - +90°C
Tensile strength: BS 5241	7 N/mm ²
Compression resistance 10% DIN 53421	2 N/cm ²
Acoustic insulation: DIN 52210-3	60 dB
Thermal conductivity: DIN 52612	0.034 W/mK
Shelf life, in the original packaging in a cool and dry area, upright	18 months

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