



**CHARACTERISTICS**

- One-component PU gunfoam
- Very high volume - moderate post expansion (low curing pressure)
- Good thermal and acoustic insulation
- CFC- and HCFC- free (ozon friendly)
- Accurately controlled application with NBS gun
- No hardening behind the safety valve, no intrusion of moisture
- Cured foam can be cut, sawn, plastered and painted and is resistant against water

**APPLICATIONS**

- 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...
- Excellent adhesion to wood, concrete, stone, masonry, plasterwork, metals and most plastics, polystyrene, polyurethane foam, polyester, hard PVC, etc.

**TECHNICAL CHARACTERISTICS**

Base	Polyurethane-prepolymer
Colour	Beige-yellow
System	Moisture
Density in joint 3x10 cm	12 - 16 kg/m <sup>3</sup>
Foam yield (TM 1003)	50 - 55 l (750 ml can)
Foam yield in joint 3x5 cm	20 m (750 ml can)
Dimensional stability (TM 1004)	< 2 %
Fire class (DIN 4102-1)	B3
Tack free time (TM 1014)	6 - 10 min.
Cutting time (TM 1005)	< 30 min.
Completely cured in joint 3x5 cm	< 8 h
Ambient temperature during use	+5°C to +40°C (Optimal at 20°C)
Can temperature during use	+5°C to +35°C (Optimal at 20°C)
Temperature resistance of cured foam	-50°C to +90°C
Elongation at break (TM 1018, moistened surfaces)	13%
Tensile strength (TM 1018, moistened surfaces)	> 9,5 N/cm <sup>2</sup>
Shear strength (TM 1012, moistened surfaces)	> 3,5 N/cm <sup>2</sup>
Compression strength (TM 1011, moistened surfaces)	> 2,5 N/cm <sup>2</sup>
Thermal conductivity (EN 12667, TM 1020)	0,033 W/mk
Sound reduction index R <sub>w</sub> (EN ISO 10140)	60 dB
Water vapour permeability (EN 12086)	μ = 11
Shelf life, unopened in the original packing and vertically stored in a cool and dry area at +5°C to +30°C	18 months

Technical data according to test methods approved by FEICA. These test methods are designed to provide transparent and reproducible test results, giving an accurate representation of product performance. The FEICA OCF test methods are available at <http://www.feica.eu/our-industry/pu-foam-ocf.aspx>. FEICA is the multinational association representing the European adhesive and sealant industry, including the producers of one-component foam manufacturers More information at [www.feica.eu](http://www.feica.eu).

**PACKING**

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

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## METHOD OF USE

### Preparation

- Use only in well-ventilated areas.
- Surfaces should be clean and free of dust and grease.
- Substrates must always be pre-moistened, as foam expands due to humidity.
- Chilled cans must be carefully warmed up in lukewarm water before usage. However the can must not be heated above +50°C, as there is a risk of bursting. Cans which are too hot must be cooled in water. The can should be shaken occasionally during this process to obtain the required temperature faster.

### Application

- Shake foam can vigorously at least 20 times before use.
- Keep the can in upright position when screwing onto the NBS gun. Move the gun to the can by holding the gun handle with one hand and screwing the can with the other hand. Do not turn the can during screwing. Do not aim the gun at people (Consult the NBS gun manual).
- Hold the can upside down when extruding the foam. The dispensing volume can be controlled by using the gun trigger and the adjustment screw.
- Fill the joints to 60-70%.
- For larger joints, apply in several layers and moisten between the layers.
- Keep the foam can with gun upright after use.

### 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

Consult the safety data sheet.

## LIMITATIONS

- Does not adhere to PE, PP, PTFE, silicone, oil, grease and similar surfaces.
- Not UV resistant.

## TECHNICAL APPROVALS



\* 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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