



## CHARACTERISTICS

- One-component PU gunfoam
- Elastic foam, absorbs movements of surrounding materials perfectly and prevents foam tearing or cracking
- All-season foam, can be used at an ambient temperature starting from -5°C to 30°C
- High volume - moderate post expansion (extremely 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

- Ideal for durable insulation in low-energy and passive homes.
- Ideal for motion sensitive joints.
- Sealing of windows and doors.
- Filling of voids and gaps (in roof constructions).
- Excellent adhesion to wood, concrete, stone, plasterwork, metals, polystyrene, hard PVC, etc.

TECHNICAL CHARACTERISTICS	
Base	Polyurethane-prepolymer
Colour	Violet
System	Moisture
Density in joint 3x10 cm	17 - 22 kg/m <sup>3</sup>
Foam yield (TM 1003)	40 - 45 l (750 ml can)
Foam yield in joint 3x5 cm	15 m (750 ml can)
Dimensional stability (TM 1004)	< 1 %
Fire class (DIN 4102-1)	B2
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 +30°C (Optimal at 20°C)
Can temperature during use	+5°C to +25°C (Optimal at 20°C)
Temperature resistance of cured foam	-50°C to +90°C
Elongation at break (TM 1018, moistened surfaces)	20%
Tensile strength (TM 1018, moistened surfaces)	> 5,5 N/cm <sup>2</sup>
Shear strength (TM 1012, moistened surfaces)	> 3 N/cm <sup>2</sup>
Compression strength (TM 1011, moistened surfaces)	> 0,3 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)	63 dB
Water vapour permeability (EN 12086)	μ = 22, Sd = 0,4 m
Air permeability (DIN 18542, EN 12114)	< 0,1 m <sup>3</sup> /[h·m·(daPa) <sup>2/3</sup> ]
Shelf life, unopened in the original packing and vertically stored in a cool and dry area at +5°C to +30°C	15 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).

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

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

## METHOD OF USE

### Preparation

Surfaces should be clean and free of dust and grease. Porous and dry substrates must always be pre-moistened, as foam expands due to humidity. Use only in well-ventilated areas.

### 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 bus 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

Safety data sheet available on request.

## LIMITATIONS

- Does not adhere to PE, PP, PTFE, silicone, oil and 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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