



**CHARACTERISTICS**

- Manual one-component PU foam
- Low post-expansion
- Good thermal and acoustic insulation
- CFC- en HCFC-free (ozone friendly)
- High filling capacity
- 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,
  - Around cables and pipes, penetrations through walls and ceilings...
- Excellent adhesion to concrete, wood, masonry, stone, plasterwork, metals and most plastics, polystyrene, polyurethane foam, polyester, hard PVC, etc.

TECHNICAL CHARACTERISTICS	
Base	Polyurethane-prepolymer
Colour	Beige-yellow
Curing system	Moisture
Density in joint 3x10 cm	21 - 25 kg/m <sup>3</sup>
Foam yield (TM 1003)	35 - 40 l (750 ml can)
Foam yield in joint 3x5 cm	9 m (750 ml can)
Dimensional stability (TM 1004)	< 2 %
Fire class (DIN 4102-1)	B3
Tack free time (TM 1014)	8 - 12 min.
Cutting time (TM 1005)	< 45 min.
Completely cured in joint 3x5 cm	< 16 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)	19%
Tensile strength (TM 1018, moistened surfaces)	> 130 kPa
Shear strength (TM 1012, moistened surfaces)	> 55 kPa
Compression strength (TM 1011, moistened surfaces)	> 35 kPa
Thermal conductivity (EN 12667, TM 1020)	0,033 W/mk
Sound reduction index R <sub>w</sub> (EN ISO 10140)	62 dB
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).

PACKING
12 cans of 750 ml/box - 56 boxes/pallet
12 cans of 500 ml/box - 70 boxes/pallet

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.

## METHOD OF USE

### Preparation

- Use only in well-ventilated areas.
- Check whether the substrate has sufficient bearing capacity. Check the adhesion of existing coatings.
- 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

- Wear gloves and safety glasses.
- Shake the foam can vigorously at least 20 times before use.
- Keep the can in upright position when attaching the adaptor (straw) to the valve.
- Hold the can upside down when extruding the foam. Dose the volume with the adaptor.
- Fill the joints to 50-60%.
- 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

Please consult the safety data sheet at [www.dl-chem.com](http://www.dl-chem.com).

## 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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