



CHARACTERISTICS

- Manual one-component PU foam
- Construction foam with low expansion pressure (avoids deformation of the material)
- Very high volume - moderate post expansion (low curing pressure)
- Good thermal and acoustic insulation
- CFC- and HCFC- free (ozon friendly)
- High filling capacity
- High dimensional stability (no shrinkage)
- 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,
 - Between insulation boards...
- Excellent adhesion to wood, concrete, stone, masonry, plasterwork, metals, most plastics, polystyrene, polyurethane foam, polyester, hard PVC, etc.

TECHNICAL CHARACTERISTICS	
Base	Polyurethane-prepolymer
Colour	Beige yellow
System	Moisture
Density in joint 3x10 cm	21 - 25 kg/m ³
Foam yield (TM 1003)	± 26 l (700 ml can)
Foam yield in joint 3x5 cm	± 8,5 m (700 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)	8%
Tensile strength (TM 1018, moistened surfaces)	> 30 kPa
Shear strength (TM 1012, moistened surfaces)	> 35 kPa
Compression strength (TM 1011, moistened surfaces)	> 10 kPa
Thermal conductivity (EN 12667, TM 1020)	0,033 W/mk
Sound reduction index R _w (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	12 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.

PACKING
12 cans of 700 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.
- 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 foam can vigorously at least 20 times before use.
- Keep the can in upright position when screwing the adaptor (straw) to the valve.
- Hold the can upside down when extruding the foam.
- Fill the joints to 50-60%.
- For larger joints, apply in several layers and moisten between the layers.
- Keep the foam can upright after use.

Cleaning

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

SAFETY

Please consult the safety data sheet at 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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