



CHARACTERISTICS

- One-component PU gunfoam with very low diisocyanate content (<0.1%)
- High thermal and acoustic insulation due to its dense, consistent, flexible cell structure
- Easy, consistent and quick to spray out in a wide layer with the included spray applicator. The thickness of foam layer is free to choose.
- Accurately controlled application with NBS gun
- CFC- en HCFC-free (ozon friendly)
- Cured foam can be cut, sawn, plastered and painted and is resistant against water
- Enhanced UV resistance, better than standard PU foam
- High and lasting flexibility, does not become brittle
- Excellent adhesion to most common building materials such as wood, concrete, stone, plaster, metal, hard PVC, polystyrene (EPS and XPS), polyurethane...

APPLICATIONS

- Thermal and acoustic insulation of buildings, vehicles and vessels.
- Repair insulation works.
- Insulating hard-to-reach places and uneven or curved surfaces, such as pipes, barrels, tanks, attics, basements, garage doors, containers, lintels, doors, ceilings.
- Reduce the risk of thermal bridges.
- Prevent condensation on cold surfaces.

TECHNICAL CHARACTERISTICS	
Base	Polyurethane-prepolymer
Colour	White
Cell Structure	Fine
Curing system	Moisture
Foam yield	Up to 1 m ² (per 700 ml canister) for a layer of 3 cm thick, after curing (applied 1.5 cm thick)
Expansion during curing (TM 1010)	100 %
Fire class (DIN 4102-1)	B3
Proofing time	< 15 min.
Tack free time (TM 1014)	< 30 min.
Completely cured	24 h
Ambient temperature during use	+10°C to +30°C (Optimal at 20°C)
Can temperature during use	+18°C to +28°C (Optimal at 20°C)
Temperature resistance of cured foam	-50°C to +90°C
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 (672 pieces)

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. Wear gloves, safety glasses and protective clothing.
- The surfaces must be free of dust and grease. Always pre-moisten surfaces, because foam expands due to humidity.
- Cover the adjacent surfaces with paper, plastic wrap or other suitable material.
- 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.
- 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).
- Place the supplied spray applicator on the end of the NBS gun. Turn the spray applicator in the desired direction (vertical or horizontal application).

Application

- Hold the can upside down when extruding the foam. The dispensing volume can be controlled by using the gun trigger and the adjustment screw.
- Apply the foam from a distance of about 40 cm from the substrate. The distance to the subsurface determines how wide the application area is. The closer to the subsurface, the smaller the application area.
- Apply the foam layer in a maximum thickness of 2 cm. The foam expands twice as thick as applied.
- When multiple layers of foam are required, a waiting time of 60 minutes must be respected between applying the layers. Moisten between each layer. No water droplets should form on the previous foam layer when applying a new foam layer. The number of foam layers is not limited. Repeat shaking the can after each waiting time.
- Keep the foam can with gun upright after use. Clean the spray applicator and the end of the gun.

Cleaning

- Fresh foam spills must be removed immediately within the tack-free time with PU Foam & Gun Cleaner.
- Cured foam can only be removed mechanically or with Parafoam remover.

SAFETY

Refer to the packaging or safety data sheet for additional information.

POINTS OF ATTENTION

- Foam cures under the influence of air humidity. Do not shut off from air until the foam is fully cured.
- Does not adhere to PE, PP, PTFE, silicone, oil and grease and similar surfaces.
- Not resistant to long-term UV exposure. In case of prolonged exposure of the foam to UV rays, the PU foam must be covered.
- Not suitable for application with the Easygun Adaptor.
- Store cans upright to avoid locking the valve.
- The spray applicator fits most NBS guns with narrow nozzle. Test compatibility in advance.

TECHNICAL APPROVALS

- CE & UKCA: conform BS EN 14315-1



* 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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