



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.
- Cured foam can be cut, sawn, plastered and painted and is resistant against water
- Accurately controlled application with NBS gun
- CFC- en HCFC-free (ozone friendly)
- High and lasting flexibility, does not become brittle
- Enhanced UV resistance, better than standard PU foam
- Excellent adhesion to most common building materials such as wood, concrete, brick, plaster, metal, polystyrene (EPS and XPS), polyurethane...
- 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.

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.
- Prevent condensation on cold surfaces.
- Reduce the risk of thermal bridges.

TECHNICAL CHARACTERISTICS

Type of product	Polyurethane-prepolymer
Curing time	24 hours
Application temperature	+10°C - +30°C
Temperature resistance	-50°C - +90°C
Rising time (min.)	< 15
Expansion during curing: TM 1010	100%
Curing system	Reaction by humidity
Cell structure	Fine
Temperature product when applying	+18 - +28°C (ideal at 20°C)
Foam yield	Up to 1m ² for a layer of 3 cm thick after curing (layer of 1.5 cm when applied)
Tack-free: TM 1014 (min.)	< 30 min.
Thermal conductivity: EN 12667, TM 1020 (W/mk)	0.033
Acoustic damping index Rw: EN ISO 10140 (dB)	62
Fire class: DIN4102-1	B3
Shelf life of unopened product	12 months
Storage conditions	Transport and store upright in a dry, cool place at +5°C to +30°C.

PACKING AND COLOURS

12 x can 700ML/box - 672 pieces/pallet
White

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METHOD OF USE

Preparation

- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- Chilled cans must be warmed up in lukewarm water. The can must not be heated above +30°C. Cans which are too hot must be cooled in water. Shake the can occasionally during this process to obtain the required temperature faster.
- 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.
- Wear gloves and safety glasses.
- 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.
- Place the supplied spray applicator on the end of the NBS gun. 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. Dose the volume with the adaptor or by using the gun trigger and the adjustment screw.
- Keep the foam can with gun or adaptor upright after use.
- 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.

Cleaning

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

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

POINTS OF ATTENTION

- Does not adhere to PE, PP, PTFE, silicone, oil, grease and similar surfaces.
- Do not expose to UV exposure for long periods. In case of prolonged exposure, cover the product.
- Foam cures under the influence of air humidity. Do not shut off from air until the foam is fully cured.
- Store canisters upright to prevent valve blockage.
- Not suitable to be applied with the Easygun Adapter.
- The spray applicator fits most NBS guns with narrow nozzle. Test compatibility in advance.
- The specified technical values are obtained at +23 °C and 50% relative humidity, unless otherwise indicated. These values may vary depending on environmental factors such as temperature, humidity, and type of substrate.

TECHNICAL APPROVALS

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- UKCA & CE conform BS EN 14315-1 (Sprayed PU foam, intended to be used for insulation of walls, ceilings, roofs and floors)
- French VOC emission class A+



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