Technical data sheet

PARAFOAM MDI-FREE NBS

CHARACTERISTICS

- One-component PU gunfoam
- High resistance to UV
- Paintable after curing
- High water resistance
- Good thermal and acoustic insulation
- Extreme low curing pressure and post expansion
- Contains no isocyanates
- Contains no TCPP & VTMO

APPLICATIONS

- Sealing, insulating, and filling joints such as: wall-ceiling connections, openings in roof structures, between prefabricated elements, sealing window and door frames, skylights, chimney ledges, spaces around pipes and conduits...
- Sealing joints of objects subject to movement.
- Assembling of interior doors and door linings and window frame installations with additional mechanical support.
- Extremely suitable for expansion joints.

TECHNICAL CHARACTERISTICS	
Type of product	Polyurethane-prepolymer
Application temperature	+5°C - +30°C (optimal at 20°C)
Temperature resistance	-50°C - +90°C
Joint density 3x10 cm (kg/m³)	35 - 40
Compression strength TM 1011, moistened surface (N/cm²)	> 0.9
Curing system	Reaction by humidity
Tensile strength TM 1018, moistened surface (N/cm²)	> 7.5
Cell structure	Fine
Temperature product when applying	+15°C - +25°C
Foam yield joint 3x5cm (m)	6
Tack-free: TM 1014 (min.)	6 - 10
Cuttable: TM 1005 (min.)	75
Thermal conductivity: EN 12667, TM 1020 (W/mk)	0.033
Acoustic damping index Rw: EN ISO 10140 (dB)	62
Shear strength TM 1012, moistened surface (N/cm²)	> 2.5
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

DL CHEMICALS Since 1936 Manufacturer of Sealants

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METHOD OF USE

Preparation

- Wear gloves and safety glasses.
- 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.
- Check whether the substrate has sufficient bearing capacity. Check the adhesion of existing coatings. Non-load-bearing layers or loose parts must be removed.
- Check whether the substrate has sufficient bearing capacity. Check the adhesion of existing coatings. Non-load-bearing layers or loose parts must be removed. Pre-treat powdery surfaces with a suitable fixative.
- The surfaces must be free of dust and grease. Do not pre-moisten surfaces. No humedecer la superficie.
- Shake 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.

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.
- Fill the joints to 80-90%.
- For larger joints, apply in several layers and moisten between the layers.
- Keep the foam can with gun or adaptor upright after use.
- For larger joints, apply in multiple layers.

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.
- Store canisters upright to prevent valve blockage.
- Not suitable to be applied with the Easygun Adapter.
- 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 AND QUALITY LABELS

- French VOC emission class A+

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