Technical data sheet

PARAFOAM NBS

CHARACTERISTICS

- One-component PU gunfoam
- High water resistance
- Low post-expansion
- Good thermal and acoustic insulation
- High filling capacity
- Cured foam can be cut, sawn, plastered and painted and is resistant against water
- Accurately controlled application with NBS gun
- Excellent adhesion to most common building materials such as wood, concrete, brick, plaster, metal, polystyrene (EPS and XPS), polyurethane...

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 cavities in plumbing, heating, and electrical wiring
- Installation and insulation of bathtubs, shower trays, cooling devices, water heaters,...

TECHNICAL CHARACTERISTICS

Type of product	Polyurethane-prepolymer
Application temperature	+5°C - +40°C
Temperature resistance	-50°C - +90°C
Joint density 3x10 cm (kg/m³)	12 - 16
Compression strength TM 1011, moistened surface (N/cm²)	> 2.5
Curing system	Reaction by humidity
Vapour diffusion coefficient: ISO 15106 (µ)	11 (EN12086)
Tensile strength TM 1018, moistened surface (N/cm²)	> 9.5
Temperature product when applying	+5°C - +35°C
Elongation at break, TM 1018, moistened surface (%)	13
Foam yield: TM 1003 (l)	50-55
Foam yield joint 3x5cm (m)	20
Shrinkage: TM 1004	< 2%
Tack-free: TM 1014 (min.)	6 - 10
Cuttable: TM 1005 (min.)	< 30
Cured in the joint 3x5cm (hour)	< 8
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)	> 3.5
Fire class: DIN4102-1	B3
Shelf life of unopened product	18 months
Storage conditions	Transport and store upright in a dry, cool place at +5°C to +30°C.

PACKING AND COLOURS

DL CHEMICALS Since 1936 Manufacturer of Sealants

DL Chemicals nv
Roterijstraat 201-203 - Zone 5 Snepbeek - 8793 Waregem - Belgium
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Last Update: 19-06-2025

12 x can 750ML/box - 672 pieces/pallet
Yellow

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.
- The surfaces must be free of dust and grease. Always pre-moisten surfaces, because foam expands due to humidity.
- 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 60-70%.
- For larger joints, apply in several layers and moisten between the layers.
- Keep the foam can with gun or adaptor upright after use.

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

- GEV Emicode EC1plus label: very low VOC emissions
- French VOC emission class A+

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