Technical data sheet

PARAFOAM CONSTRUCT 1K

CHARACTERISTICS

- Manual one-component PU foam
- High water resistance
- Low expansion pressure (avoids deformation of the material)
- Good thermal and acoustic insulation
- High filling capacity
- Cured foam can be cut, sawn, plastered and painted and is resistant against water
- Shrink-free
- 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

TECHNICAL CHARACTERISTICS	
Type of product	Polyurethane-prepolymer
Number of components	1
Application temperature	+5°C - +30°C (optimal at 20°C)
Temperature resistance	-50°C - +90°C
Compression strength TM 1011, moistened surface (N/cm²)	>10 kPa
Curing system	Reaction by humidity
Temperature product when applying	+5°C - +25°C (ideal at 20°C)
Elongation at break, TM 1018, moistened surface (%)	8
Foam yield: TM 1003 (l)	26 (700 ml)
Shrinkage: TM 1004	<2%
Tack-free: TM 1014 (min.)	8-12
Cuttable: TM 1005 (min.)	<60
Cured in the joint 3x5cm (hour)	<16
Shear strength TM 1012, moistened surface (N/cm²)	>35
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 500ML/box - 840 pieces/pallet Yellow
12 x can 700ML/box - 672 pieces/pallet Yellow

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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.
- The surfaces must be free of dust and grease. Always pre-moisten surfaces, because foam expands due to humidity.
- Shake the can vigorously at least 20 times before use. Do not shake a can already screwed onto a gun by holding only the gun.
- Keep the can in upright position when attaching the adaptor (straw) to the valve.

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 50-60%.
- 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. Professional use requires mandatory PU training since 24/08/2023. More information: www.dl-chem.com/pu_training

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.
- 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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