

Technical data sheet

PU FOAM 2K HAND HELD B3

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Description

2K Polyurethane Foam is two-component mounting and structural foam. It is characterized by high strength and very good adhesion on most materials (concrete, stone, wood, plastic).

Application

- mounting shop windows, window frames of large dimensions, door frames and casing door frames in interiors (when anchoring frame doors and windows, apply the foam in spots)
- spot application filling of cavities in between panels requiring high strength
- mounting windowsills, filling of electrical wiring chasing and pipelines through walls and floors
- installation of bath tubs and shower trays
- all applications where the focus is on fast-curing foam

Application procedure

- 1 Remove dust, grease and other contamination from the surface. NEVER MOISTEN THE SURFACE!
NOTICE: PU foam is non-stick to surfaces: PE, PP, PTFE and silicone.
- 2 The optimal can temperature for application is +15 °C to +20°C. The maximum allowed temperature difference between the ambient and the can is 5 °C. Do not exceed the maximum allowed temperature interval for application from +10 °C to +25 °C. In case of failing to follow the temperature recommendation, the quality of the foam may be affected.
WARNING: Do not use the can when temperature is higher than +25°C! Overheating of the can after activation can cause an explosion.
- 3 Prior to application turn the screw at the bottom of the can as shown by the arrow at least 5 times. Shake the can vigorously at least for 1 minute. Screw the plastic applicator on the valve. Bottle working position is the valve facing downwards. The amount of ejected foam can be regulated by pulling the applicator handle. If mixed sufficiently the extruded foam is homogeneous green. The cavity should be filled from the bottom to the top. If wider than 5 cm, we recommend to fill it partially only.
Empty the can within 6 - 7min since mixing the components as after this period the foam starts to cure inside the can.
- 4 Cured foam you can cut by a knife. The surface of cured PU foam must be protected from a long-term UV radiation.
- 5 Fresh foam can be removed by PU CLEANER, cured foam mechanically only.

Safety and protection of health

When using this product wear protective glasses and gloves. More information is contained in the MSDS.

Specifications

Form	foaming liquid
Colour	green
Odour	of hydrocarbons
Maximum application temperatures range	+10°C to +25°C
Optimum can temperature for application	+15°C to +20°C
Minimum surface temperatures	+5°C
Tack free time (TM1014-2013) *	7 – 9 minutes
Cutting time (strip of 2 cm diameter) (TM1005-2013) *	max. 15 minutes
Final curing time *	2 – 3 hours
Density of freely expanded foam (PN 03) *	30 – 45 kg/m ³
Foam yield of 400 ml can (TM1007-2013) *	8 – 10 litres
Dimensional stability (TM1004-2013) *	max. ±5%
Fire class (DIN 4102)	B3

Note: * Temperature and relative humidity of air during the test: +20°C, 60%; TM – test method of FEICA association; PN – company standard; DIN – German standard

Packaging

The product is supplied in a pressure cans with a filling volume from 400 ml, 440 ml and 600 ml. Packing in cartons of 12 pcs. Palette contains 624/672/780/840/960/1008 cans.

Storage

Store the cans in the vertical position with the valve facing upwards. Keep in a dry and well-ventilated place at a temperature between +5°C to +25°C. Guaranteed shelf life of the product is 12 months from the date of production.

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