

Weberfoam PU

Polyurethane fixing foam



Weberfoam PU is a highly expansive, one-part, polyurethane fixing foam.

PRODUCT BENEFITS



EXCELLENT EXPANSION



RAPID CURING



FIRE RATED

USES

Weberfoam PU is suitable for joints around door and window frames, pipe entries around air-conditioning vents, and roller blind housings. It can be applied in all positions and at low temperatures (5°C). After curing, Weberfoam PU can be cut, sanded, plastered, and painted.

ADVANTAGES

- Straw or handgun application
- Fire resistance to class B2
- High rate of expansion
- Excellent foam stability
- Excellent heat insulation
- Effective sound dampening
- CFC / HCFC-free
- Water resistant

TECHNICAL DATA & PHYSICAL PROPERTIES

Base	Polyurethane
Colour	Light Yellow
Curing System	Moisture cure
Density after Expansion	20 ± 3 kg /m ³ (extruded)
Curing Rate (+20 °C/65 % RH)	Approx. 2 - 3 hours for a bead of 3 cm
Temperature Resistance	-40 °C to +90 °C
Shrinkage	None
Tack Free Time (+ 20 °C/60 % RH)	Approx. 10 minutes
Expansion Rate	Approx. 120 % - 200 %
Fire Class (DIN 4102 Part 2)	B2
Foam Yield	Max. 25 ± 3 litres/can

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

CONSUMPTION

Approx. 25 litres (+/- 3 litres) yield of finished foam from a 500 ml can.

PRECAUTION

Keep away from direct sunlight and temperatures above +50 °C (danger of explosion due to being pressurized). Do not use on PE, PP, Teflon, silicone, oil, grease and other separating agents. For the correct curing of the foam, sufficient moisture is necessary.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Pre-dampen the substrate with clean water to ensure that the foam cures optimally and prevents secondary foam expansion.



Application

Shake the can thoroughly before use, approximately 20 times. Screw the adapter firmly into place without pressing the valve. Hold the can upside-down to regulate the foam flow by applying pressure on the valve or adapter before applying it to the substrate. Fill deep cavities in multiple layers, ensuring each layer cures and expands adequately. Spray water between each layer or allow sufficient waiting time. Avoid overfilling hollow sections with foam from the can as it will continue to expand by 1.5 - 2 times its volume during curing.

CLEANING

Clean the tools and equipment immediately after use with a suitable cleaner. Hardened material can be removed mechanically.

STORAGE & PACKING

Weberfoam PU is available in 500 ml cans.

Shelf life of 12 months if unopened and kept in dry conditions at room temperature in a vertical position. Keep away from direct sunlight. A partially consumed can should be used within 3 weeks.

HEALTH & SAFETY

Weberfoam PU contains diphenylmethane-4,4'-diisocyanate (MDI). Do not extrude it towards open fire or hot surfaces and keep it away from sources of ignition.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jun '23)

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