



weberfoam PU

weberfoam PU is a highly expansive 1-part polyurethane fixing foam

Advantages

- Multifunction adaptor allows straw or a handgun application
- Fire resistance to class B2
- Can be applied in all positions (360°)
- High rate of expansion
- Suitable for application at low temperatures (+5°C)
- Fast curing
- Excellent heat insulation
- Effective sound dampening
- CFC / HCFC-free
- Can be cut, sanded, plastered and painted over after curing
- Water resistant
- Very good foam stability



Use

- Joints around door and window frames
- Pipe entries around air-conditioning vents and roller blind housings

Package

Can 500 ml. (12 cans/box)

Color

Light yellow

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- Surface preparation**
- A clean and dry homogeneous surface is needed. Free from oil, grease, dust and loose or friable particles.
 - Pre-dampen the substrate with clean water, this ensures that the foam cures optimally and also prevents secondary foam expansion later on

- Application**
- Shake the can thoroughly before use (~ 20 times)
 - Screw the adapter firmly down into place without pressing the valve
 - Holding the can in an upside down position regulate the foam flow with pressure on the valve / adapter before applying to the substrate
 - Fill deep cavities in several layers. Take care to allow each layer to cure and expand sufficiently by spraying with water in between each layer or allowing sufficient waiting time between the layers
 - Do not over fill the hollow sections with foam from the can as it will continue to expand by 1.5 to 2 times its volume during curing

Consumption Yield: a 500 ml. can produces 25 litres (+/-3 litres) of finished foam





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Storage and shelf life

12 months from date of production

- The cans must be stored in dry conditions, protected from direct sunlight and at room temperature in a vertical position
- A partially consumed can, must be used within 3 weeks

Cleaning

Remove fresh spots of foam immediately using a suitable cleaner. Cured foam can only be removed mechanically

Limitations

- Protect the can from direct sunlight and temperatures above +50°C (danger of explosion due to being pressurised)
- Do not use on PE, PP, Teflon, silicone, oil, grease and other separating agents
- The foam is not UV resistant
- For the correct curing of the foam sufficient moisture is necessary

Safety

- Contains diphenyl methane – 4,4 di isocyanate (MDI)
- Do not extrude towards open fire or hot surfaces, keep away from sources of ignition
- See safety data sheet for more details



**weberfoam PU****Technical Specification**

Test	weberfoam PU
Base	Polyurethane
Curing system	Moisture cure
Density after expansion	20 ± 3 kg/m ³ (extruded)
Curing rate	From 2 to 3 hours for a bead of 3 cm. at 20°C /65% RH
Temperature resistance	-40°C to +90°C
Shrinkage	None
Tack free time	10 minutes (+20°C/60% RH)
Expansion rate	120%-200%
Fire class	B2 (DIN 4102 part 2)
Foam yield	Max. 25 ± 3 liter/can

