

POLYURETHANE MEGA FOAM

1 – DESCRIPTION

Polyurethane Mega Foam is a single-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

2 – PROPERTIES

- High yield up to 65 liters, depending on the humidity and temperature.
- Excellent adhesion on common construction materials.
- Economical consumption thanks to precise application.
- Conforms to fire class B3 according to DIN 4102-1.
- Mould-proof, water-proof and over paintable.
- It does not contain any propellant gases which are harmful to the ozone layer.

3 - APPLICATIONS

- Fixing and insulating of door and window frames.
- Filling and sealing of gaps, joints and cavities.
- Filling of penetrations in walls.
- Insulating electrical outlets and water pipes.

4 – INSTRUCTIONS

Optimal can temperature is +20 °C. Application temperature is between +5 °C and +30 °C. Shake the can well before use. Screw the can onto an applicator gun. The output of the foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun. Always keep the can upside down during application.

Fresh foam can be cleaned by Akfix Foam Cleaner. Cured foam can be cleaned barely mechanically.

5- PACKAGING

Product	Volume	Package
850	850ml/1000 gr	12

6- STORAGE AND SHELF LIFE

15 months if stored at room temperature.

7- RESTRICTIONS

- Storage above +30 °C and below +5 °C shortens shelf life.
- Should be stored and transported in vertical position.
- Should be kept in room temperature for at least 12 hours before the application.
- Cured foam will discolor if exposed to ultraviolet light.
- Paint or coat the cured foam for best results in outdoor applications.

- Lower temperatures decreases yield and curing time.

8- SAFETY

Contains Diphenylmethane-4, 4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapour. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50 °C. Do not pierce or burn, even after use. Keep away from sources of ignition, no smoking. Keep out of the reach of children.

9- TECHNICAL PROPERTIES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 19±3 Kg/ m ³ (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 65 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Can Temperature	: min.5°C max. +30°C
Temperature Resistance	: -20°C to +80°C
Application Temperature	: +5°C to +30°C

The results were obtained by providing optimum environmental conditions.