

ROCKMAX[®] PU FOAM M76

ONE PART MULTIPURPOSE POLYURETHANE FOAM



INTRODUCTION

Rockmax PU Foam M76 is a single component, moisture curing, expansive polyurethane foam. It is designed easy dispensing through straw attached each can. Material is designed to use in many application including with sound insulation, weather insulation, sealing and filling and close gap or voids.

AREA OF USES

Rockmax PU Foam M76 can be used include with fixing and insulation door and window frames, filling and sealing gaps, joints, cavities, pipe penetrations, wireways, electrical outlets, air-condition pipes. Also to use with any filling that need to close the area for sound or weather proof purpose.

ADVANTAGES

- High expansion rate and foam stability.
- Excellent adhesion and bonding to many substrates such as PVC, uPVC, silicone, concrete, wood, steel, glass etc.
- Thermal and acoustical insulation.
- Suitable for wooden door & windows.
- Easy application.
- Foam can be cut, trim and shape.
- Age resistance.
- Fast setting and curing.
- Not contain CFC, HCFC.

TECHNICAL PROPERTIES

Property based on 25°C ambient temperature

| | |
|--------------------------|------------------------|
| Base material: | Polyurethane |
| Form: | Aerosal foam |
| Color (cured): | Light yellow |
| Curing type: | Moisture cure |
| Specific Gravity: | 22±3 kg/m ³ |
| Compressive strength: | 0.03 N/mm ² |
| Tensile strength: | 0.09 N/mm ² |
| Shear strength: | 0.05 N/mm ² |
| Elongation at break: | 40% |
| Water penetration: | 0 |
| Water absorption: | max 1% by vol. |
| Thermal conductivity: | 0.036 W/m.k |
| Temperature resistance: | -40°C to +80°C |
| Application temperature: | -2°C to +35°C |
| Substrate temperature: | +5°C to +35°C |
| Tack free time (1cm): | 7 to 12 min |
| Cure time: | 24 hour |
| Consumption (750ml): | 40 to 45 litre |

Note: The figures are theoretical and test on control environment laboratory. Actual measured data may vary due to circumstances.



PREPARATION

Temperature

| | |
|----------------------|----------------|
| Can temperature: | +25°C to +30°C |
| Storage temperature: | +15°C to +35°C |
| Relative Humidity: | 30% to 100% |

FIRE CLASSIFICATION

FIRE CLASS (DIN 4102): B3

APPLICATION

Shake the can well before use (20 times). Screw the adapter on the valve. Hold the can upside down and activated the foam by pressing the valve. Moisturizing the surfaces and the foam improves adhesion and shorten curing time. Fill foam by layer to layer. Wait for each layer to cure until material is hard enough.

CLEANING

Remove non-necessary foam using **Rockmax Cleaner A18**.

LIMITATION

- Cured foam may slightly discolor if exposed to sun light (UV).
- Lower temperature may effect on consumption and curing time.
- Protect the can from direct sun and **Do not store at temperature above +50°C** (may cause explosion).
- Aerosal is flammable. Read all data and safety data before use.
- Only experiences and skill people can use this product.
- Do not pierce or bun, even after use. Keep away from ignition, no smoking. Keep out of reach of children.



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PACKAGING
750ml.

STORAGE
Storage in shade and dry condition at +15 to +35°C. Avoid from sunlight, frost, water, moisture and high temperature. The freezing point is approximate -3°C. Max shortage temperature is +50°C degree. Store in transported vertical position.

SHELF LIFE
12 months un-open container and kept follow instruction.

PRECAUTIONS
Rockmax PU Foam M76 is harmful material by inhalation, irritating to eyes, respirator system and skin. However avoid contact with skin and eyes. Safety goggles and gloves must be used during application. In case of skin of eye contact, rinse with plenty of water and see medical immediately. If swallowed must be see medical immediately. Do not induce vomiting.

CONTACT DETAIL
THAILAND
Rockmax Company Limited
T: +66 2 8648658
F: +66 2 4184327
E: info@rockmax.net
W: www.rockmax.net

IMPORTANT NOTE!!
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