



# MAXURETHANE<sup>®</sup>

## FOAM CAN

## EXPANDING POLYURETHANE FOAM FOR SEALING AND FIXING OF CONSTRUCTION ELEMENTS

### DESCRIPTION

MAXURETHANE FOAM CAN is an expanding foam resulting from the polymerising of the product contained in the can when it reacts with the ambient humidity.

### USES

- Sealing, insulating and filling of joints, cracks and voids in:
  - Joints between walls and ceiling.
  - Spaces between door or window frames and walls.
  - Joints in chimneys, ceilings, roof panels and walls.
  - Filling of cable ducts and tubes through walls and ceilings.
- Bonding and sealing of spaces between prefabricated elements.
- Bonding of polyurethane or polystyrene boards.
- Placing of door and window frames.

### ADVANTAGES

- Single component and fast curing
- Excellent adhesion on concrete, wood, stone, plasters, renders, and other polyurethane foams, etc.
- Exceptional insulation properties
- Very small retraction.
- Does not contain CFC
- The final foam can be painted, cut, etc.

### APPLICATION

**Preparation of the surface:** Cover the area close to the point of application with paper or plastics to prevent spillage of the product. The substrate must be sound and clean, free from dust, grease, etc. If additional chemical cleaning is necessary, use non – grease solvents, such as acetone.

MAXURETHANE FOAM CAN does not stick on polyethylenes, silicones, teflon. Do not apply on these substrates.

On dry, porous substrates, and generally when the relative humidity is less than 40 %, spray some water on the surface to be treated.

**Application:** Shake the can energetically and repeatedly (20-30 times). Place the injection nozzle over the valve.

The can should be placed upside down during the injection procedure. Control the amount and flow by exerting more or less pressure on the lever.

Keep in mind that the foam will increase between 2 and 4 times its volume (depending on the humidity and ambient temperature).

During long applications, shake the can occasionally. If after 60 minutes it were necessary to inject more product to complete the filling, dampen the surface again and proceed with the application. The successive layers will bond themselves perfectly.

Clean any foam stains immediately with MAXURETHANE INJECTION CLEANER. The hardened foam can only be eliminated mechanically.

The foam can be covered with gypsum plaster after 24 hours, or painted. A prior test of the paint to be used is recommended.

## CAUTION

Avoid contact with the skin. Use gloves, goggles and adequate clothing. In case of contact with the eyes, wash immediately with water and consult a specialist.

Use only in well ventilated areas. Do not smoke.

Do not break, pierce or dispose of in fire after use.

Consult the safety information printed in the can.

## PACKAGING

700 ml aerosol cans.

## STORAGE

Twelve months after the date of manufacture, in its original unopened container, and kept in a dry area. Store the cans vertically in a properly ventilated place at a maximum temperature of 30° C.

## TECHNICAL DATA

<b>Colour</b>	Light green
<b>Free foam density (kg/m<sup>3</sup>)</b>	25-30
<b>Volume of free expanding foam (lt.)</b>	25-30
<b>Fire rating DIN 4102/2</b>	B 3
<b>Dry to the touch Strip 30 mm., 23° C, 50% H.R. (min.)</b>	Aprox. 10
<b>Time it allows to be cut Strip 30 mm., 23° C, 50% H.R. (min.)</b>	After about 60
<b>Polymerisation throughout Strip 30 mm., 23° C, 50% H.R. (hours)</b>	After 24
<b>Thermal conductivity coeficient (W/m<sup>2</sup>K)</b>	0.04
<b>Compression resistance (10%) (KPa)</b>	60
<b>Traction resistance (KPa)</b>	175
<b>Elongation at break (%)</b>	25%
<b>Shearing resistance (KPa)</b>	65
<b>Foaming on a dry substrate (%)</b>	+ 130
<b>Foaming on a wet substrate (%)</b>	+ 200
<b>Water absorption (%)</b>	3
<b>Application temperature of substrate (° C)</b>	+ 5 ≤ T ≤ + 40
<b>Application temperature of the can (° C)</b>	+ 5 ≤ T ≤ + 40
<b>Service temperature (° C)</b>	- 40 ≤ T ≤ + 80

## **GUARANTEE**

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



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