



ELASTOTET S.A.

SEALING & ADHESIVE MATERIALS

Silicone, Acrylic & Polyurethane Sealants

LASTOFOAM

One-component, moisture curing, polyurethane foam. LASTOFOAM self-expands during the polymerization process. The final volume is twice the initial volume. The fresh foam exhibits excellent adhesion on wood, concrete, stones, metals, etc. The substrate can be wet, but not covered with ice. One 750 ml can, can yield approximately 45 lt of cured foam, but this largely depends on several conditions at the application site (temperature, air humidity, dimensions of the cavity, etc.). Since the foam is self-expanding, it is suggested to leave some free space in the cavity. The cured foam is resistant to fire (B3 class) and non-toxic.

PROPERTIES

- Excellent adhesion to most building materials.
- Ease of use.
- High thermal and acoustic insulation properties.
- Resistance to moisture
- Resistance to ageing
- Sensitive to UV radiation

AREAS OF APPLICATION

- Fixing and insulation of door and window frames
- Filling cavities, large cracks, joints, openings and holes
- Insulation of pipes
- Fixing and insulation of roofs, separations, etc.
- Sound insulation walls

TECHNICAL PROPERTIES

- Appearance : Highly viscous liquid that becomes froth immediately after the extrusion from the can and cures by reaction with humidity.
- Chemical basis : Polyurethane
- Scent : Light scent during polymerization. No scent after complete cure
- Density of cured foam : 23 – 35 kg/m³
- Skin forming time : 7-8 min (20 °C, RH > 30%)
- Curing time : 1h / RH 93%, 18 h / 15%, max 24 h
- Fire Class : B3 DIN 4102
- Thermal stability of cured foam : -55 - +100 °C
- Water absorption of cured foam : Max 10%
- Tensile strength : Min 3 N/cm²
- Application temperature : +5 - +35 °C

STORAGE STABILITY

The can should not be exposed at temperatures higher than 50 °C. For longer shelf life, do not store the cans at temperatures above 25 °C and below -5 °C (the cans can be stored at temperatures down to -20 °C only for short periods). The shelf life is 24 months from the production date.

THE CANS SHOULD ALWAYS BE STORED VERTICALLY

PACKAGING

750 ml cans

INSTRUCTIONS OF USE

Shake the can for 15 seconds before use. Screw the adapter with the extension hose firmly onto the valve. During the extrusion of the foam keep the can in an upside-down position. The substrate should be clean and free of dust. The rate of extrusion is regulated by the tilting of the valve. The cured foam should be protected from UV radiation. The wetting of the substrate with water improves the adhesion and the cell structure of the cured foam. For stop intervals greater than 30 min, the adapter and the valve should be cleaned. The fresh foam can be cleaned with a special cleaner. The cured foam can only be removed mechanically. The cleaner only softens the cured foam.

WARNING TO USERS

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