

Description:

ESPUMAIS is a one component polyurethane foam. It shows no retraction, thixotropic, self-expansible and is polymerised by air moisture. Apply directly using a spray gun.

Uses:

It is used for mounting doors and windows, filling of empty spaces and wall cavities, sound insulation, for fixing insulating decorative panels. Ideal for insulation and refrigeration.

Surface preparation:

The backgrounds should be clean, dry and free of any trace of grease and oil.

Application:

- Our product exhibits excellent adherence to most materials, except polystyrene and polypropelene. Adherence, polymerisation and cellular structure are improved on slightly damp supports.
- It is applied directly with a spray.
- The optimum temperatures for application are between 5°C to 30°C.

TechnicalFeatures:

- Density: 19-25 kgs/m³
- Resistance to traction: 15 N/cm²
- Thermal conductivity: 0.032 Kcal/h m °C
- Water absorption: 0.3 in vol
- Dry upon touching: 10 minutes at 20°C and 65% of R.H.
- Totally dry: 20 to 25 minutes at 20 °C and 65% of R.H.
- : Polymerisation speed: 3 Hrs for every 5 cm cord.
- Water permeability: (DIN 53429) 70 gr/m²/24 Hrs.
- : Resistance to low temperatures: -40°C
- : It does not show expansion after polimerisation takes place.
- : Application that is easy and characterised by speed and precision.
- : It ensures a good thermal and sound insulation.
- : The content of the packaging becomes 35 L after expansion.

Clean up:

Tools must be cleaned mechanically. Never use fire.

Features & benefits:

Coverage:

According to the application.

Storage:

It is recommended to store the product in its original tightly closed packages for 9 months in a cool dry place, avoiding any exposure to UV rays, fire(even after being used) and high temperatures (+50°C).

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of it's useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is no possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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Packaging:

Available in packs of:

Gun: 0.75 dm³

Spray: 0.75 dm³

Health and safety advice :

R10 -- Flammable

R20/21/22 -- Harmful by inhalation, in contact with skin and if swallowed

R36/37/38 -- Irritating to eyes, respiratory system and skin

S26 -- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S38 -- In case of insufficient ventilation wear suitable respiratory equipment



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