

DOORS&WINDOWS LOW EXPANSION FOAM - 2in1 GUN AND STRAW

1.PRODUCT DESCRIPTION

PU Foam Door Adhesive is a single-component, polyurethane-based adhesive foam that cures with atmospheric moisture, specifically developed for the installation of door and window frames.

2. FEATURES

- It is a single-component product.
- It cures with the humidity in the air.
- It provides excellent adhesion to many building materials. Once cured, it can be cut and painted.
- It is applied with a gun, making it easy to use. It does not clog if application is briefly interrupted.
- It does not contain CFC or HCFC gases.

3. AREAS OF APPLICATION

- For the installation and insulation of door and window frames,
- and for bonding insulation panels.
- For gluing decorative pieces, and
- for filling gaps and cracks.

4. METHOD OF APPLICATION

- The application surface must be clean, dry, dust-free, and
 - oil-free. The surfaces to be applied are moistened by
 - spraying water.
- The optimal temperature for using the tubes is between 20–25°C. Tubes at lower temperatures should be left to stand at room temperature for a period of time (20 minutes) before use.
- The tube should be shaken vigorously approximately 30 times before use. Repeat shaking intermittently.
 - Once the foam has fully cured (2–3 hours), any excess can be removed with a sharp knife or utility knife.
 - Do not use in applications where it may be constantly
 - exposed to water. It should not be exposed to UV light and
 - should be covered with paint or plaster.

5. SHELF LIFE

- Store in a cool, dry place.
- The product has a shelf life of 12 months when stored between +5°C and +25°C.

6. PACKAGING AND COLOR

-750 ml tube (pack of 16).

7. SAFETY INFORMATION

Keep out of reach of children. Avoid contact with skin and eyes. Use in a well-ventilated area. Do not inhale vapors. Do not smoke while using the product. For more information and advice on the safe use, storage and disposal of chemical products, refer to the Material Safety Regulations.

8. TECHNICAL SPECIFICATIONS

Key Features	Performance
Chemical structure	Polyurethane
Cure mechanism	Atmospheric humidity
Colour	Light Yellow
Application Temperature	-5 °C to +35 °C
Temperature resistance (cured)	-30°C to +80°C
Intensity	17 ± 3 kg/m ³
Free density	19 ± 3 kg/m ³
Dimensional stability	<5%
Expansion	40-60%
Cutting time	30 min
Surface drying	6-7 minutes
Flowing	It does not drip even with a 5 cm joint width.
compressive strength	50.25 kPa
Tensile strength	79.35 kPa
shear resistance	55.68 kPa
Adhesion resistance	9.08 MPa
Metric Yield (845 g)	10.88 m (3x10 cm joint) 36.27 m (3x3 cm joint)
Fire characteristics	B3
Shelf life	12 months in unopened packages.

NOTES:All results were obtained at 23°C and 50% humidity.

The performance of this product is consistent with the performance declaration. This performance declaration is given solely under the responsibility of the manufacturer.



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