

It is a single-component aerosol polyurethane foam designed for bonding thermal insulation boards that cures with moisture in the air with limited expansion. It is a special, economical, fast and reliable solution for thermal insulation applications. It gives moisture and mold resistant, long-lasting semi-hard filler material. Designed for use with pipettes. It does not contain HFC.



GENERAL FEATURES

- Thanks to its low thermal conductivity coefficient, it contributes to the insulation thickness and increases the thermal insulation efficiency.
- It makes limited growth, does not apply excessive pressure to surfaces and allows for smooth installation of sheets.
- Its yield is high, it glues more sheets.
- Thanks to its light weight, it reduces the load on the front.
- It prevents heat bridges by filling the plate intervals. It has a closed cell structure and stability, high insulation value and does not shrink.
- It does not hold mold and is impermeable to water. It dries very quickly and has a high initial adhesion strength.
- LEED v2009 complies with IEQc 4.1: Low release materials -

APPLICATION AREAS

- Gluing of EPS and XPS insulation boards to the exteriors and filling the gaps between them.
- For gluing jambs made of polystyrene to concrete, plaster and wooden surfaces.
- In applications of gluing panels of polyurethane and rock wool.

Technical Specifications

Base	Polyurethane
Consistency	Foam
Density (DIN 53479)	24-28 kg/m ³
Yield (ASTM C 1536)	35-45 liters/ 1000 ml
Fire Class (DIN 4102 part 2)	B3
Volume Loss	maximum %5
Expansion	%150-200
Shell binding time (1 cm wide) (ASTM C1620)	8-10 min.
Cutting time (1 cm wide) (ASTM C1620)	30-40 min.
Full drying	12-24 hours
Thermal Stability	-50 °C ile to 100 °C
Compressive Strength (DIN53421)	min. 3 N/mm ²
Shear Strength (DIN 53427)	min. 17 N/mm ²
Water Absorption (DIN53429)	1% by volume
Thermal Conductivity	0,030 W/m.K
Flash Point (Dried foam)	> 400 °C
Closed cell ratio (%) (ASTM D 2856)	> %70



SURFACE PREPARATION

- The application surface must be clean and dry; should not contain oil, rust, loose parts, etc. that will prevent adhesion.
- Slightly moistening the surfaces will improve the performance of the foam; accelerate its spreading and drying.
- In the application areas, areas where foam will not be applied and the environment can be



APPLICATION INSTRUCTIONS

- Wait until the aerosol can is at room temperature.
- The ambient temperature should be between +10C and +30C.
- Shake the can strongly before inserting the straw.
- Insert the pipette by turning it over the valve.
- With the can upside down, apply the foam by pressing the trigger of the gun.
- Continue to shake the can occasionally during the application.
- For the next application, leave the pipette on the can, otherwise clean the valve with an acetone-like solvent.
- Foam smeared in unwanted places should be cleaned with acetone.



SHELF LIFE AND STORAGE

It should be stored in its original packaging, undamaged, unopened, in dry conditions, in an upright position between +5 °C and +25 °C. Protect from direct sunlight and temperature above +50 °C (possibility of explosion). Opened products should be used within 4 weeks. Shelf life is 12 months.



PACKAGING OPTIONS

Gross 900 g aerosol canister
Carton: 12 canisters per carton



COLOR OPTIONS

● RED



ALERTS

Foam to be protected in UV rays; it should be painted or applied plaster or mastic to cover it. It is impossible to provide strong adhesion on Teflon, PE and PP plastics.

Wet foam can be cleaned with Promast Cleanse Foam Cleaner or a solvent similar to acetone. Hardened foam can only be cleaned by mechanical means.



SECURITY INFORMATION

Diphenylmethane contains -4,4 diisocyanate. If inhaled for a long time, it can cause sensitivity in the respiratory organs. Prolonged contact of the skin with wet foam can cause local redness and sensitivity. For this reason, the environment should be ventilated during use, contact of foam with the skin should be avoided, preferably gloves and protection goggles should be used. Aerosol tin is filled with flammable propellant gases under high pressure. Therefore, it should not be punctured, but kept away from high temperatures and flame sources. For detailed information, please refer to the safety data sheet for the product.

Note: All information provided in the Technical Data Sheet is shared based on the reliability of the tests carried out as a manufacturer. Since performance differences may occur in the application, factors such as application surface, environment, surface and product temperature etc. should be considered. It is recommended to test it before being used on different surfaces and areas.