TECHNICAL DATA SHEET

POLYURETHANE MOUNTING FOAM 750 GUN - PFM 750 GUN

It is a single-component aerosol polyurethane foam used for the installation of doors, windows, etc. in buildings, which cures and expands with moisture in the air and offers an economical and fast solution. It gives moisture and mold resistant, long-lasting semi-rigid mounting and filler material. Due to its structure, it provides heat, water and sound insulation. Designed for use with pipettes. It does not contain HFC.

GENERAL FEATURES

- It does controlled swelling, does not apply excessive pressure to surfaces and does not stretch door and window frames.
- Its efficiency is high, it provides the possibility of installing more doors and windows.
- It dries very quickly, eliminating the need for moisturizing. It does not hold mold and is impermeable to water.
- It has a closed cell structure and stability, high insulation value and does not shrink.
- After drying, the hardened foam can be cut, sanded, painted and plastered.
- It has the ability to adhere to almost all building materials (except polyethylene, teflon, silicone, oils, etc.).
- LEED v2009 complies with IEQc 4.1: Low release materials - Adhesives and Joint Fillers.

APPLICATION AREAS

- Suitable for use inside and outside the structure.
- It is used to install door and window frames, as well as for filling and insulating surrounding cavities.
- Filling the penetration gaps of pipes belonging to gas, water, electricity, etc. installations.
- In the filling of holes, cracks and gaps in buildings for insulation purposes.
- In installation applications for panel, table, air conditioner, ventilation duct, etc.

Technical Specifications

Base	Polyurethane
Consistency	Foam
Density (DIN 53479)	24-28 kg/m³
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/mm²
Shear Strength (DIN 53427)	min. 17 N/mm²
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

POLYURETHANE MOUNTING FOAM 750 GUN - PFM 750 GUN

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 covered for protection.

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.
- When the tin is upside down, press the trigger to exit the foam.
- Partially fill in the gaps, as the foam will grow.
- Too large gaps should be filled in two layers and moistened over the foam.
- 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

Hasar görmemiş, açılmamış, orijinal ambalajında, kuru şartlarda, +5 °C ile +25 °C arasında dik pozisyonda depolanmalıdır. Direk güneş ışığından ve +50 °C üzerindeki sıcaklıktan (patlama olasılığı) koruyunuz. Açılmış ürünler 4 hafta içinde kullanılmalıdır. Raf ömrü 15 aydır.

PACKAGING OPTIONS

Gross 750 ml aerosol canister
Carton: 12 canister per carton

COLOR OPTIONS

Light Yellow

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.