

Polyurethane foam class B1 according to DIN EN 4102 standard, which has limited resistance to fire and can self-extinguish when withdrawn from flame welding. It is a single-component aerosol polyurethane foam that cures and expands with moisture in the air. It is an economical and fast solution for gap filling applications in buildings. It gives moisture and mold resistant, long-lasting semi-hard filler material. Designed for use with pipettes. It does not contain HFC.



i PRODUCT DESCRIPTION

- According to DIN 4102 standard, it is in class B1. Meets the requirements of EN 1366-4
- The flame does not execute, it spontaneously extinguishes when the flame source is removed.
- It makes ideal growth, does not apply excessive pressure to surfaces.
- 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 does not hold mold and is impermeable to water. Provides effective insulation against gas and smoke.
- It has the ability to adhere to almost all building materials (except polyethylene, teflon, silicone, oils, etc.).

📄 APPLICATION AREAS

- In many applications requiring fire resistance:
- Installation of door and window frames
- Filling and insulation of gaps, large cracks and holes Applications requiring thermal insulation during roof construction
- Insulation of cable and pipe ducts
- Soundproofing partition walls
- In the gluing of insulating materials

📄 Technical Specifications

Base	Polyurethane
Consistency	Foam
Specific Gravity (DIN 53479)	25 kg/m ³
Yield (ASTM C 1536)	25-30 liters/ 1000 ml
Combustion Class (DIN 4102 part 2)	B1
Volume Loss	maximum 5%
Expansion	%150-250
Shell binding time (1 cm wide) (ASTM C1620)	8-10 minutes
Cutting time (1 cm wide) (ASTM C1620)	30-40 minutes
Full drying	12-24 hours
Thermal Resistance	-50 °C to +100 °C
Compressive Strength (DIN53421)	min. 3 N/mm ²
Shear Strength (DIN 53427)	min. 3 N/mm ²
Water Absorption (DIN53429)	1% by volume
Heat 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.
- 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

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

Gross 900 gr aerosol canister
Carton: 12 canister



COLOR OPTIONS



RED



BLACK



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