



AFCAT DOOR & WINDOW GUN FOAM 540248



TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Description: AFCAT Door & Window gun foam is a one-component, low expansion (roughly 50%), low-pressure, PU gun foam specifically formulated for use indoor and window installation and sealing applications. Manufactured using high-quality imported raw materials, it offers excellent expansion, adhesion, and insulation performance.

Product Form: Mixture

Use of Substance/Mixture: Aerosol Polyurethane Foam

Recommended Use: Industrial use; Consumer use; Professional use

Type of Product: Aerosol

CHARACTERISTICS

Resistant to any kind of weather condition, seawater, steam and moisture.

APPLICATION

- Fixing doors, windows and similar frames
- Filling up the gaps, holes and cracks
- Using in insulation of hot and cold water pipes and electrical equipments
- Bonding to all kinds of building materials except silicone, Teflon, polyethylene and polypropylene

INSTRUCTIONS

Application Temperature: 32 °F to 95°F

Storage Temperature: -40 °F to 212 °F

1. Shake the can vigorously for at least 30 seconds before use.
2. Attach the foam gun securely to the canister.
3. Ensure the application surface is clean, dry, and free from dust, grease, and debris.
4. Turn the can upside down and dispense foam by pulling the foam gun trigger.
5. Lightly moisten the substrate and applied foam to accelerate curing and improve adhesion.
6. Apply foam in controlled quantities to account for post-expansion.
7. After use, clean any fresh foam with PU Foam Cleaner. Dried foam should be removed from the gun and valve.
8. Fully cured foam must be removed mechanically.
9. Foam hardens in approximately 1 to 3 hours depending on ambient conditions.
10. Once cured, foam can be shaved, sanded, or painted.

TECHNICAL SPECIFICATIONS

(Test conditions: 23 °C, 50% RH)

Physical State	Liquid (aerosol)
Chemical Basis	Polyurethane Prepolymer
Appearance	Aerosol
Color	Light Yellow
Odor	Characteristic
Curing System	Moisture
Skin Forming Time (FEICA TM1014)	8 – 10 minutes
Cutting Time (FEICA TM1005)	30 – 45 minutes
Density	17 – 20 kg/m ³
Flash Point	Not applicable as aerosol (≤ 50 °C)
Thermal Resistance	-40 to 100 °C
Yield (FEICA TM1003)	40 to 50 L

PACKAGING

Packaging Type	Canister Size	Units per Box
Aerosol	680 g (24 oz)	12

SHELF LIFE & STORAGE

Shelf Life: 18 months from production date when stored properly

Storage Temperature: 0 °C to 30 °C (32 °F to 86 °F)

Conditions: Store in a cool, dry, well-ventilated place. Protect from sunlight and temperatures exceeding 50 °C (122 °F). Keep container tightly closed and upright.

HEALTH & SAFETY

Hazards: Pressurized container. May burst if heated. Extremely flammable. Suspected of causing cancer. Harmful if inhaled. May cause respiratory irritation, skin sensitization, or eye irritation.

First Aid Measures:

Inhalation- Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact- Wash with plenty of water. Remove contaminated clothing. If irritation or rash occurs, seek medical attention.

Eye Contact- Rinse cautiously with water for several minutes. Remove contact lenses if possible. Seek medical attention if irritation persists.

Ingestion- Seek medical advice immediately.

PPE Recommendations:

- Gloves
- Safety goggles
- Suitable protective clothing
- Respiratory protection if ventilation is inadequate

Important: Always consult the Safety Data Sheet (SDS) before use.

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