



AFCAT FIREBLOCK PU GUN FOAM

Technical Data Sheet

Issue date: 5/20/2024

Revision date: 11/14/2025

Version: 0.1

TDS No.: TDS.02

1. Product Description

Product description	: AFCAT FIREBLOCK PU GUN FOAM is a polyurethane foam adhesive that provides fast initial adhesion after one minute. Ideal for perforated/non-perforated brick, stone, wood, jamb, flooring, decorative products, drywall, plywood, EPS/XPS, rock wool and block construction applications. Adheres to all construction materials except silicone, teflon, polyethylene and polypropylene.
Product form	: Mixture
Trade name	: AFCAT FIREBLOCK PU GUN FOAM
Use of the substance/mixture	: Aerosol Polyurethane Foam
Recommended use	: Professional uses Consumer use Industrial use
Type of product	: Aerosol
Vaporizer	: Aerosol

2. Characteristics

Characteristics	: One-component, fast-curing, easy-to-apply adhesive foam. More economical. Ready to use in aerosol can. It saves time to its fast curing structure. After dried, no further expansion and shrinkage. Suitable for using at interior and exterior applications It is resistant to every kind of weather conditions, seawater, limewater, diluted acid and caustic solutions, steam and moisture Once cured, the foam can be cut, sanded, plastered or painted.
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3. Application

- The adhesive is ideal for the construction of retaining walls, partition walls, plasterboard, plywood, jambs, outbuildings and a wide range of other brick or block structures.
- It is used for mounting and fixing decorative woods.
- Installing wooden construction elements, decorative wooden trimmings, plasterboards, mouldings, skirting boards and panelling.
- Adhering on all kinds of construction materials excluding silicone, teflon, polyethylene and polypropylene
- Suitable for the adhesion of polystyrene tiles and polystyrene foams
- It perfectly bonds many materials such as stone, concrete, metal, wood, glass, mirror, aluminum, ceramics, plasterboards. It is easily used for bonding door and window frames, cornices, insulation panels, bathroom accessories, roof and terrace materials.
- Using for adhering granite, marble, natural stone, travertine and ceramic

4. Application Instructions

- Use gloves and protective glasses during application
- Shake the can strongly for 30 seconds
- Install the foam gun or straw on the can
- Remove the dirt, dust and grease from the application place and moisture it by water
- Turn the can upside down and press the gun trigger
- The application surface should be 5 cm inside from the edges.
- The foam squeeze should be 2 - 3 cm wide.
- 1 minute is expected after the application. After 1 minute, the surfaces are joined. The application can be fixed in 5 minutes.
- If the ceiling or vertical surface is attached, surfaces should be fixed until the end of curing.
- Full curing time is 24 hours.
- Once cured, the foam can be cut, sanded, plastered or painted.



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5. Technical Specifications (@ 23 °C 50% RH)

Physical state	: Liquid
Chemical Basis	: Polyurethane Prepolymer.
Appearance	: Aerosol.
Colour	: orange
Odour	: characteristic
Curing System	: Moisture
Skin Forming Time (FEICA TM1014)	: 3 minutes "Open Time: 3 - 5 min "
Cutting Time (FEICA TM1005)	: 5 – 10 minutes
Density	: 15 – 18 kg/m ³
Thermal Resistance	: -40 – 100 °C
Yield (FEICA TM1003)	: 2 - 3 cm width 40 - 45 m
Application Temperature	: 0 → 35 °C
Ideal Can Temperature	: 20 °C

The manufacturer uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: <http://www.feica.com/our-industry/pu-foam-technology-ocf>. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

6. Packaging

Packaging	: Aerosol
Colour	: orange

Canister 680 g / 24 oz	Package 12 pcs/ctn
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7. Shelf Life and Storage

Storage conditions	: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Storage temperature	: 0 → 30 °C

Canister 680 g / 24 oz	15 months (after production date if stored at room temperature)
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8. Health and Safety

Adverse physicochemical, human health and environmental effects	: Pressurised container: May burst if heated. Extremely flammable aerosol. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Other medical advice or treatment	: Treat symptomatically.



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Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: [In case of inadequate ventilation] wear respiratory protection.

9. Remarks

No information available

10. Standards and Certificates

No information available

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