Polyurethane Foams
XTRAFOAM LOW GUN
Technical Data Sheet

Reviewed: 27.06.2025

DESCRIPTION
XTRAFOAM LOW GUN is one – component, self - expanding, ready to use polyurethane foam with excellent thermal and sound insulation capabilities. After curing the foam can be trimmed and sanded. It has a minimal expansion after application and is therefore very economical to use. It is fitted with a plastic adaptor head for use with a professional foam applicator gun.

ADVANTAGES
- Lower expansion after application
- Excellent adhesion on most substrates
- High thermal and sound insulation
- High yield
- Good filling capacities
- Less propellant, user and environmentally friendly

APPLICATIONS
- Fixing and sealing of window and doorframes
- Filling of cavities around pipes or other
- Sealing of all openings in roof constructions
- Fixing of insulation materials and roof constructions
- Thermal and sound insulation
- Sealing and filling around pipes and conduits
- Application of a soundproofing layer on motors
- Improving thermal insulation in cooling systems

INSTRUCTIONS FOR USE
Surface preparation

Moistening the surfaces with a water sprayer improves adhesion and curing speed.

Application

1. Surfaces must be clean, free of dust and grease
2. Shake the can well for at least 30 seconds
3. Fit the application gun on the adapter
4. Hold the can upside-down and extrude the foam by pressing bar
5. Gaps have to be filled partially up to 65% as the foam will expand
6. Protect cured foam from sunlight exposure after application

Caution:

Product suitability testing is recommended.

CONSUMPTION
Each can of 750ml can yield up to 40Lt of cured foam in optimal conditions.

REMARKS
- Avoid contact with uncured foam after application especially at low temperatures.
- Cured PU foam must be protected from UV radiation and high temperatures.
- Before use, all **MERCOLA PU Foams** should be stored at room temperature for at least 12 hours.

CLEANING
Fresh foam can be removed with **GUN & FOAM CLEANER** or acetone. Proper cleaning of the gun after each application guarantees long life of the gun. Cured foam can only be removed mechanically.

TECHNICAL CHARACTERISTICS
Base: Polyurethane
Consistency: Stable foam
Curing system: Moisture-cure.
Skin formation (20°C/ 65% R.H.): ~ 8 min.
Cutting time (20°C/ 65% R.H.): 45 – 90min.
Curing rate (20°C/ 65% R.H.): 1h for a 30 mm bead
Shrink: Almost none
Post expansion: Minimal
Cellular structure: >80% closed cells
Specific gravity: >16kg/m^3 (extruded, fully cured)
Temperature resistance: -40°C to +80°C when cured (up to +140°C for short time periods)
Color: Off White
Fire Class (DIN 4102): B3
Thermal Conductivity (DIN 52612): 0,035 W/(m K)
Water Absorption (DIN 53429): max. 1% Vol.
Application temperature: +5°C up to +35°C.

STORAGE
Store in dry and cool storage conditions at temperatures 5^{0}C - 25^{0}C. Protect from moisture, frost and direct sunlight. **Always store can with the valve pointed upwards.**

SHELF LIFE
At least 18 months in unopened containers, in the above-mentioned storage conditions

PACKAGING
Aerosol cans 750ml

PACKAGING	CODE	BARCODE
750ml	9415	5204094094159

HEALTH AND SAFETY INFORMATION

Consult recent Safety Data Sheet before use.

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The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.

TECHNICAL SUPPORT
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