



FastCoat

Thermal & Acoustic Insulation PU Spray Foam

A PU Foam for top quality heat and sound insulation at buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single-component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer.

1- FEATURES & BENEFITS

- Excellent adhesion to all kind of building materials,
- Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials,
- Excellent thermal insulation value (0.025 W/(m.K),
- Elimination of thermal bridges,
- Elimination of the dew point,
- Yield up to 3m² with 1.5cm thickness for one layer if applied from a distance of ~40cm with normal application speed,
- No need to use mechanical fastening elements after use,
- Over paintable,

2- APPLICATIONS

- Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars,
- Structural elements of buildings, balcony, loggia, doors, window slopes, pipes,

canals and tank kind round surfaces, uneven and rough all surfaces,

- Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

3- INSTRUCTIONS

- Each can have two special plastic nozzles for spraying to the wall and ceiling. Nozzle A is for vertical surface applications and Nozzle B is for ceiling applications.
- Optimal can temperature is +20 °C.
- Application temperature is in between +5 °C and +30 °C.
- Shake the can well before use.
- Screw the can onto an applicator gun. Put the spray nozzle on the barrel until it clicks.
- Always keep the can upside down during application.
- The output of the foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun.
- Spray the foam 30-45 cm distance from the wall for vertical applications. Spray the foam 15-20 cm distance from the ceiling for horizontal applications.
- The product can be applied at any desired thickness as long as it is applied layer by layer. The thicker, the higher insulation value.
- For an effective insulation value, the recommended application thickness is 5cm and should be reached to this thickness with minimum 3 layers. It is not



TECHNICAL DATA SHEET



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possible to get the ideal insulation value with 1 or 2 layers.

- The nozzles and the applicator gun should be cleaned immediately after job finishes.

4- RESTRICTIONS

- Storage above +25 °C and below +5 °C shortens shelf life,
- The can should be stored and transported in vertical position,
- The can should be kept in room temperature for at least 12 hours before the application,
- Cured foam will discolor if exposed to ultraviolet light,
- Paint or coat the cured foam for best results in outdoor applications,
- Lower temperatures decreases yield and curing time.

5- SAFETY

- Contains Diphenylmethane-4, 4'-Diisocyanate,
- Harmful by inhalation, irritating to eyes, respiratory system and skin,
- Do not breathe spray/vapor,
- Wear suitable protective clothing and gloves,
- Use only in well-ventilated areas,
- Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50 °C,
- Do not pierce or burn, even after use,
- Keep away from sources of ignition, no smoking,
- Keep out of the reach of children.

6- STORAGE AND SHELF LIFE

- 12 months if stored properly.

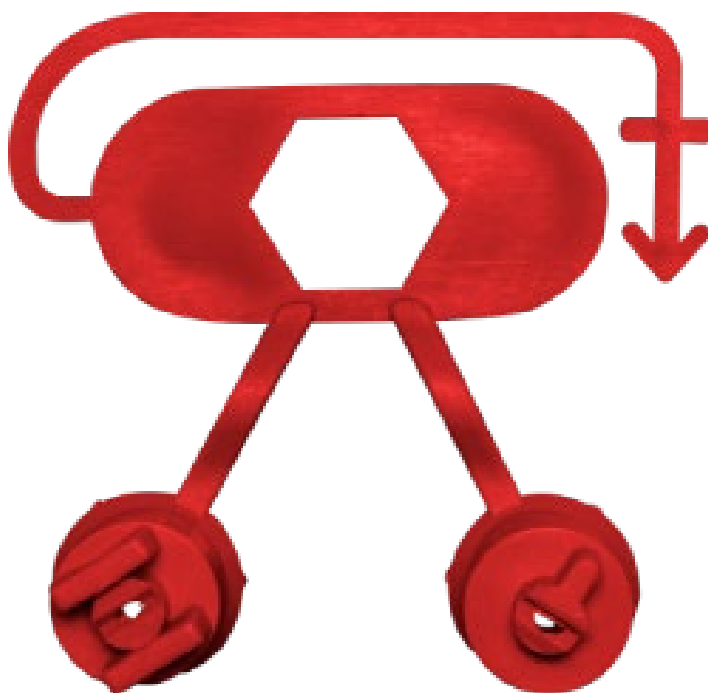
7- PACKAGING

Product	Weight	Package
FastCoat	850ml/Gw.930gr	12

TECHNICAL PROPERTIES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 17-28 kg/m ³	(ASTM D1622)
Tack-Free Time	: 4 min	(ASTM C1620)
Foam Color	: Blue	
Yield	: 3 m ² for 1,5 cm thickness	
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,025 W/m.K (at 20°C)	(DIN 52612)
R Value	: 5,66 (per inch)	
Compression Strength	: 0,03 MPa	(DIN 53421)
Full Cure	: 24 hours	
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -75°C to +115°C	
Application Temperature	: +5°C to +30°C	

The results were obtained by providing optimum environmental conditions.



Picture 1: **Nozzle A** on the left and **Nozzle B** on the right.

DISCLAIMER

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