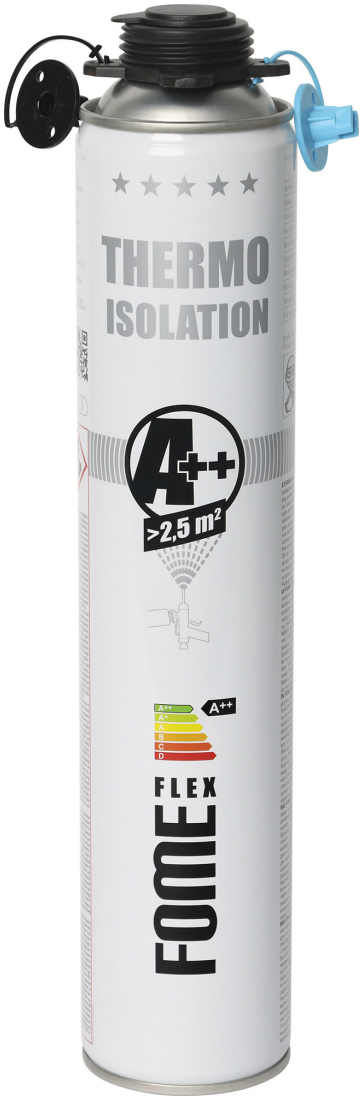
TECHNICAL DATA SHEET



FOME FLEX
THERMO ISOLATION A++

Thermal insulation spray foam

Description

FOME FLEX THERMO ISOLATION A++ innovative technology sprayed one-component polyurethane thermal insulation foam designed to insulate hard-to-reach, complex-shaped, uneven, cylindrical, convex or polygonal surfaces. Has strong adhesion to most building materials, including wood, masonry, metal, glass and many plastics except Teflon, polyethylene. FOME FLEX THERMO ISOLATION A++ fast hardening material forming a layer that protects against air and moisture infiltration and heat loss. After curing, it can be cut, sanded, puttied, plastered and painted. FOME FLEX THERMO ISOLATION A++ is one of the most effective and fastest solutions for cold bridges, moisture and wind insulation, created on the basis of one-component polyurethane foam, the use of which for building insulation is rapidly gaining popularity and growing worldwide.

Advantages:

- Yield 2,5 m^2.
- Thermal conductivity index 0,035 W/mK.
- Next layer can be applied after 20 mins.
- Suitable for internal and external works

Perfect adhesion:

- Wood
- Concrete
- Most types of metal
- Hard plastics
- Bricks
- Plasterboard
- EPS and XPS
- Ceramics

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Application areas:

- Insulation of walls, roofs, attics, facades, foundations and balconies of residential and commercial buildings;
- Thermal insulation of vans, closed trailers and refrigerated cargo vehicles;
- Insulation of pipelines;
- Sealing and insulation of the inlets of communication systems;
- Insulation of tanks and wells;
- Bathroom insulation.

Technical data

Indicator	Indicator	Indicator
Colour		Blue
Yield (1,5 cm thickness)	m^2	2,5
Tack free time	min.	5
Time of polymerisation	min.	20
Final curing time (+20 °C)	h	max. 24
Density	kg/m^3	15-20
Secondary expansion	%	30
Temperature resistance	°C	From -30 to +80
Application temperature	°C	From +5 to +30
Noise reduction index	-	60 dB
Compressive strength	MPa	0,03
Thermal conductivity index	W/mK	0,035
Flammability class	-	B3
Volume	ml	850

* These values were obtained at a temperature of +22 °C and a relative humidity of 50%.

Directions of Use

Clean the working surfaces from dust, dirt and grease, moisten by spraying. Shake the can, screw on the gun, put a special nozzle (in the kit) on its top. Blue nozzle is for vertical surfaces and black nozzle is for ceilings. Open the gun valve to the maximum. Spray on the surface from a distance of 30-45 cm, fully pressing the trigger of the gun. The sprayed layer must not be thicker than 2 cm (an additional layer can be applied after 20 minutes). While working, periodically shake the can with the gun. After coating the surface, wet the insulating material by spraying water. Working environment temperature: from +5 °C to +30 °C. Recommended working temperature of the vial: +18 °C ... +30 °C. It finally hardens within 24 h.

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Storage conditions:

Store in a vertical position, in a dry place, at a temperature of +5 °C to +30 °C. Shelf life: 18 months. Keep the bottles with thermal-insulation spray away from direct sunlight and heat exceeding 50 °C.

Packaging

1000 ml aerosol canister, volume 850 ml, 12 pcs. in per box.

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request.

Waste management

Completely empty the packaging and dispose of properly.

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