

EasySpray

Sprayable foam sealant with unique spray applicator for the best insulation experience



HIGH INSULATION VALUE

The combination of EasySpray's special formula and spray applicator creates a unique foam structure with highly efficient acoustic and thermal insulation and great airtightness properties. The thickness of insulation layer is freely selectable, and the number of layers is not limited.

REDUCES COLD BRIDGES

Using accompanying spray nozzle allows to insulate uneven or hard to reach surfaces, where it is impossible to use traditional insulation materials. Sealing all hard to reach parts of construction with unique elastic formulation helps to reduce cold bridges in complex structures and also to reduce the risk of cold bridge appearance due to possible movements in the construction. Spray insulation cause no spacers / cold bridges as in the case of insulation boards.

PREVENTS CONDENSATION

EasySpray All Surfaces sprayable foam can be successfully used on uneven and round surfaces like pipes, tanks and vessels. Insulating cold surfaces with EasySpray sprayable foam is a good remedy to avoid condensation.

<0,1% ISOCYANATE MONOMER CONTENT

EasySpray All Surfaces sprayable foam has nearly zero isocyanate monomer content (below 0,1%). Applying EasySpray foam is safe for your health and the environment.

ENHANCED UV-RESISTANCE

EasySpray's unique extra white formula and even structure create much better UV-resistance than regular construction foam. Foam surface with mostly closed cells creates also enhanced shield against moisture.

WHY EasySpray ALL SURFACES FOAM SEALANT?

- Saves money on energy. Especially developed for thermal insulation.
- Spray applicator is compatible with most of the foam guns.
- Acoustic barrier. It provides highly effective sound insulation.
- Allows to insulate geometrically difficult surfaces and hard to reach places fast and easily.
- Applied on building envelope creates efficient wind and moisture shield.
- Practically airtight.

TECHNICAL DATA

PROPERTY	UNIT	VALUE
Tack free time (TM 1014)	minute	<30
Rise time	minute	<15
Completely cured	hour	24
Post expansion (TM 1010)	%	100
Density	kg/m ³	15-20*
Fire class of cured foam (DIN 4102-1)		B3
Reaction to fire (EN 13501-1)		F
Thermal conductivity (EN 12667, TM 1020)	W/(m·K)	0,033
Sound reduction index R _{st,w} (EN ISO 10140)	dB	60
Output (3 cm layer)	m ² /per can	up to 1
Air temperature during application	°C	+10...+30
Can temperature during application	°C	+18...+28
Temperature resistance of cured foam	°C	-50...+90

* Depends on the number of layers.

TYPICAL APPLICATION AREAS

Covering all types of surfaces to provide thermal and sound insulation. All inconvenient places to insulate, where using traditional insulation materials is complicated. Insulation of pipes, attics, balconies, garages, cellars, tanks and vessels. Insulation of lintels, doors, ceilings and other construction parts with the risk of cold bridges.

COLOUR



PACKAGING

1000 ml aerosol can, content 700 ml, 12 per box.



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LIMITATIONS

Does not adhere to polyethylene (PE), polypropylene (PP), PTFE (Teflon®). Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.

APPLICATION TIPS

Put the application nozzle on the tip of the gun. Shake the can vigorously at least 20 times. Hold the foam can in upright position, turn the gun to the can by holding the gun handle with one hand, and turn the can with the other hand. Make sure that the gun is not pointed at other persons when turning it. The can must not be screwed to the gun with the valve upside down or by turning the gun on the can. Rotate the nozzle as needed (for vertical or horizontal application). Turn the can upside down and start applying. Foam output can be adjusted by the gun trigger. Apply the foam from distance of approx. 40 cm from the surface. The application distance determines the width of the application area – the shorter the distance, the narrower the application area. The thickness of the foam in one layer should usually not exceed 2 cm. Please consider, that foam expands twice of what is sprayed out. Next layer of foam can be applied after approx. 30 minutes, if needed. Number of layers is not limited.



ADHERES TO

- WOOD

- CONCRETE

- MASONRY

- MOST METALS

- DRYWALL

- EPS

- ROOF TILES

- PVC

Cured foam is less sensitive to UV-light and direct sunlight than other conventional one-component polyurethane foams. It is still recommended to cover the cured foam with suitable opaque sealant, filler, paint or other material to ensure lasting quality features. Do not use in places with long-lasting direct contact with water as this reduces thermal insulation properties.

SHELF LIFE

is 12 months in original, unopened packaging in dry conditions, protected from direct sunlight at temperatures between +5 °C and +30 °C. The 'Best Before' date is shown on the pack



10-years minimum lifetime means more than that. It is not only:

- a reliable product
- sustainable and durable
- a product with long-lasting properties

It also means:

- YOU SAVE MONEY. Without the need to repair sealed areas, you save the cost of replacement materials and labour as well as time.
- YOU HELP PRESERVE THE ENVIRONMENT. With less products used over a longer period, less waste goes into landfill or to pollute nature.

Industrial technology has come home

For over 40 years, PENOSIL high performance products have been used to seal in the most demanding environments, weatherproofing high rise buildings and in industries such as aviation, nuclear power utilities and solar panels, rail, automotive and shipbuilding BECAUSE they:

- offer a guaranteed fast rate of cure
- offer easy application
- have a proven track record of long-lasting durability

NOW it's time for consumers everywhere to benefit from this industrial technology to provide sealing solutions in the home. Why? Because PENOSIL is always challenging standards, because we are committed to quality, because we pay attention to the smallest detail, because we want people to feel warm and safe in their homes, because we believe the solutions we offer are the BEST for their HOME.

More detailed technical information
penosileasypro.com

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