

WINDOW & DOOR *Elastic*

Foam for sealing movable joints tightly



ELASTIC FORMULA

Window & Door *Elastic* foams unique formula makes its structure very soft and elastic, the foam restores its original shape after being compressed. Window & Door *Elastic* foam is a perfect product for installing windows and doors, insulating wooden and log houses as well as filling other narrow and pressure sensitive joints.

NO WARP

Window & Door *Elastic* foam has a very low expansion pressure, which makes it perfect for fragile construction works. It only expands into available space and it will not warp or bend the sealed materials.

BETTER THERMAL & SOUND INSULATION

Window & Door *Elastic* foams unique "micro-cell" structure gives it excellent thermal and sound insulation properties – up to 50% better than standard foams.

ALL SEASON

Window & Door *Elastic* foam can be used all year around, its application range is: -5 °C to +30 °C. However, to achieve the best elastic properties, we recommend applying this product in temperatures above +5 °C.

SOLID STRUCTURE

Window & Door *Elastic* foams new extra tense structure enables its users to achieve a far better air tightness, which saves money and energy. *

WHY TO CHOOSE WINDOW & DOOR *Elastic* FOAM

- Excellent thermal insulation properties
- Highly effective sound insulation
- Remains elastic
- Resistant to mould and mildew
- Paintable

TECHNICAL DATA

PROPERTY	UNIT	VALUE
Tack free time (EN 17333-3)	min	6 to 10
Cutting time (30 mm bead, EN 17333-3)	min	30*
Fully cured in joint, 3x5 cm (+23 °C)	h	8
Fully cured in joint, 3x5 cm (air -5 °C/ can +5 °C)	h	24
Post expansion (EN 17333-2)	%	<60*
Density in joint, 3x10cm (WGM106)	kg/m ³	17 to 22*
Dimensional stability (EN 17333-2, moistened surfaces)	%	<1
Fire class of cured foam (DIN 4102-1)		B2
Tensile strength (EN 17333-4, dry surfaces)	kPa	>55
Compression strength (EN 17333-4, moistened surfaces)	kPa	>3
Thermal conductivity λ (EN 12667, EN 17333-5)	W/(m·K)	0,033
Sound reduction index Rst,w (EN ISO 10140)	dB	63
Application temperature	°C	-5 to +30
Temperature resistance of cured product	°C	-50 to +90

* When applied with gun

APPLICATION AREAS

Sealing of doors, windows and other narrow and pressure sensitive joints.

COLOUR



PACKAGING

1000 ml aerosol can, content 750 ml, 12 per box



PENOSIL

ENERGY SAVING

WINDOW & DOOR *Elastic*

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SURFACE PREPARATION

Remove dust, loose particles, ice and oil stains from the surfaces. Moisten dry substrate (only at temperatures above zero) to ensure better results. Protect adjacent surfaces with paper, plastic film or other suitable material. If needed, add additional shield outside for weather protection (against rain, snow, wind, etc.). When working at low temperatures, the can must be warmed to room temperature (max. +30 °C) before application.

APPLICATION

Shake the can vigorously at least 20 times. Remove the cap. Hold the foam can in upright position with valve up. Screw the can tightly to the gun by holding the gun handle with one hand and turning the can with the other hand.

Do not aim the gun at people. Avoid screwing the can to the gun with valve upside down. Do not screw the gun to the can. Do not bend or turn the can during screwing.

Hold the can upside down when extruding the foam. Foam output can be adjusted with gun trigger and adjustment screw.

As the foam expands, fill the joints up to around 70%. In case of larger joints apply foam in several layers and moisten slightly between each layer to ensure better results. Excess foam can be cut after it has fully cured.



INDUSTRIAL TECHNOLOGY AVAILABLE FOR ALL

For over 45 years, PENOSIL's high performance products have been used in the most demanding environments to weatherproof and seal constructions. PENOSIL products are being used in industries such as aviation, nuclear power utilities, rail, automotive and shipbuilding.

Our products are popular with industries because they:

- provide efficient sound & thermal insulation
- have high elasticity
- cure fast
- provide excellent adhesion
- are easy to apply

At PENOSIL, we always challenge standards, commit to quality, and pay attention to the smallest detail. Now, we want to share our knowledge and to make sure that everybody can benefit from our high performing products.

ADHERES TO

WOOD

CONCRETE

METALS

PVC

BRICKS

PLASTERBOARD

EPS and XPS

ROOF TILES

LIMITATIONS

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

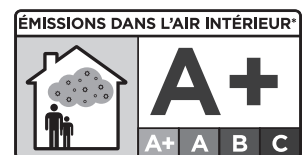
SHELF LIFE

18 months in original, unopened packaging. Store in dry conditions, between +5 °C to +30 °C and protected from direct sunlight. Best before date shown on the packaging.

We want consumers everywhere to feel warm and safe in their homes and we believe that the solutions we provide are the BEST for every HOME.

Detailed technical information can be found on penosil.com

PENOSIL is a registered trademark of Wolf Group.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).