

WINDOW & DOOR

Silicone for weatherproofing and glazing



WATER RESISTANT IN 3 HOURS

Due to Window & Door silicone's fast curing properties, it will fully bond with a wide range of surfaces and can be exposed to water in just 3 hours after application. Water will not affect its performance and the seal will retain its durability, adhesion and elasticity for many years.

PERMANENTLY FLEXIBLE

Window & Door silicone remains always flexible, even when exposed to vibrations or structural expansions and contractions. It forms an extremely durable, yet flexible seal that is also non-stick and therefore easy to clean.

UV AND FREEZE-PROOF

Window & Door silicone has a specially developed elastic structure. Once the bond has formed, its seal will not be affected by water, UV exposure or by structural movements caused by freezing and thawing. The seal performance is guaranteed in temperatures between -40 °C and +150 °C.

100% WEATHERPROOF

Window & Door silicone is used for weatherproofing facade joints, expansion and perimeter joints, and for glazing activities. Once the seal is fully cured, it is totally impenetrable and provides complete protection against water infiltration and humidity.

NO COLOUR CHANGE

Window & Door silicone does not change colour over time. Its colour does not fade and it is not affected by the use of common household chemicals.

WHY TO CHOOSE WINDOW & DOOR SILICONE

- Permanently flexible, even when exposed to low temperatures, extreme heat and UV
- Shrinkage resistant, it will not harden, crack or freeze
- Resistant to chemicals, such as common household cleaning products and detergents
- Waterproof, it maintains full adhesion and cannot be washed away

TECHNICAL DATA

PROPERTY	UNIT	VALUE
Basis		Neutral Oxime Silicone
Density	g/cm ³	0,98
Skin forming time	min	5 to 10
Curing rate	mm/24 h	Approx. 3
Resistance to flow	mm	0
Application temperature	°C	+5 to +40
Service temperature	°C	-40 to +150
Movement capability	%	±12,5
Elastic recovery	%	>85
Shore A hardness (ISO 868)		25
E-Modulus 100% (ISO 8339)	N/mm ²	0,35
Tensile strength (ISO 8339)	N/mm ²	0,65
Elongation at break (ISO 8339)	%	300

Declaration of Performance (DoP) is available on penosil.com

APPLICATION AREAS

- Glazing and weatherproofing of wooden, plastic and aluminium windows and doors.
- Sealing of interior and exterior perimeter joints. Suitable for greenhouse glazing.

COLOUR



PACKAGING

310 ml cartridge,
12 per box



PENOSIL

ENERGY SAVING

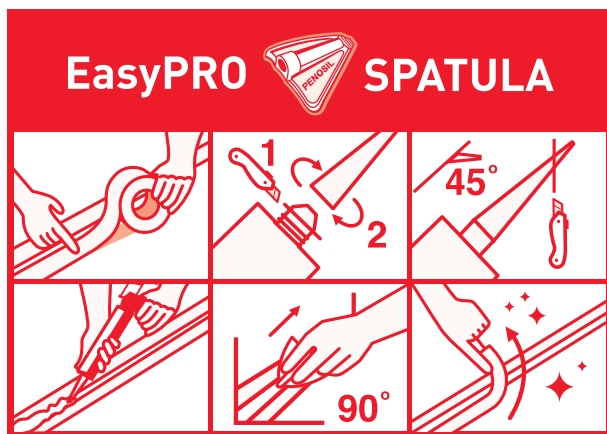
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APPLICATION

Surfaces to be sealed must be clean, dry and free from any dust or grease. It is recommended to clean the surface beforehand with a suitable product, according to the manufacturer's instructions. In order to determine whether a primer is needed, a surface test is recommended.

After preparation, apply Window & Door silicone with a suitable caulking gun. Sealed surface should be smoothed by using a tool moistened with water. Smoothing is not only recommended for aesthetic reasons but also to ensure close contact and good adhesion. After smoothing, clean tools and product residue at once with white spirit.



ADHERES TO

RIGID PVC

WOOD

GLASS

ALUMINIUM

CONCRETE

BRICK

MOST PLASTICS

MOST METALS

LIMITATIONS

Does not adhere to polyethylene (PE), polypropylene (PP), PTFE (Teflon®), neoprene rubber or bitumen. It is not recommended to use this product on natural stones such as marble, granite etc. Due to the wide variety of construction materials, we recommend a preliminary compatibility test. Window & Door silicone cannot be painted.

SHELF LIFE

12 months in original, unopened packaging. Store in dry conditions, between +5 °C to +25 °C and protected from direct sunlight. Best before date shown on the packaging.

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:

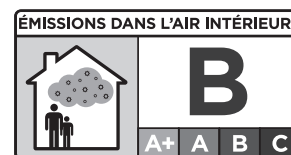
- provide efficient sound & thermal insulation
- have high elasticity
- cure fast
- provide excellent adhesion
- are easy to apply

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.

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).