

TECHNICAL DATASHEET

PENOSIL Premium All Weather Sealant

Solvent containing silicone-free sealant based on synthetic rubber, which can be used for quick repairing of openings and cracks even when it is raining. Adheres to wet and slightly oily substrates, however porous surfaces should be dry to achieve better adherence. Adheres well to most substrates without primer e.g. to brick, concrete, mortar, wood, metal, glass, bitum and many plastics. High elasticity, non-sagging, treatable even after curing. Cured sealant is mould, UV and weather resistant.

Field of applications

General-purpose sealant for in- and outdoor applications, for example roof works.

Application conditions

Application temperature between +5 °C and +40 °C. The smooth surfaces must be clean and solid. Smooth surfaces may be wet, porous ones should be dry.

Application instructions

Store cartridges at room temperature for 24 hours before use. The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material, dust, dirt, rust and other contaminants. Non-porous substrates may be wet. Porous substrates should be dry. Contact surfaces can be oily. Cut off the threaded end of the cartridge and screw on the application nozzle for directing sealant. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with sealant, by repeatedly pressing the gun trigger.

Apply sealant in the joint by repeatedly and evenly pressing on gun trigger and smoothly dragging the nozzle along the joint. After application, smooth the surface with a rubber silicone scraper and remove excess material. For final smoothing, use plenty of soapy water.

Edges of joints can be taped. Remove tape immediately after sealing, before curing.

If immersed under water for a long time, PENOSIL Premium All Weather Sealant joints may turn yellow. However, this does not affect the quality of the material.

Ensure adequate ventilation in all joint locations. During the curing process, make sure that no impurities can settle on the surface and that the joint surface is not affected by mechanical load.

After drying, sealant remains slightly tacky on the surface. Sealant can be painted with commercial paints and varnishes. When using paints containing solvents, drying of the sealant may be slowed down.

Cleaning

Uncured sealant, tools and hands can be cleaned with PENOSIL Premium Cleaning Wipes. Cured sealant can be removed mechanically only.

Technical data

Properties	Unit	Value
Skin forming time	minute	15–20
Curing time	mm/24 h	1-2
Density (DIN 53 479-B)	g/cm ³	0,95
Properties of cured sealant		
Modulus at 100% elongation	N/mm ²	0,5
Movement of the joint (ISO 11 600)	%	±25
Hardness (Shore A) (ISO 868)		25±5

Temperature resistance after curing	°C	-25 up to +80
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The parameters indicated have been measured at +23 °C and 50% relative air humidity.

Colour

Transparent.

Package

310 ml cartridge, 12 pcs in a box.

Storage conditions

Guaranteed storage time 24 months starting from the date of manufacture if stored in a closed original package in a dry place between +5 °C and +30 °C. Even for shorter periods, the temperature must not exceed +60 °C. The product is non-freezing. Do not store near open flames or active heat source.

Safety regulations

Ensure sufficient ventilation during application. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice.

Cured sealant can be handled without any danger to health.

Detailed safety information is available on safety data sheet (SDS).