PENOSIL
We save energy / Wolf Group

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TECHNICAL DATA SHEET

PENOSIL All Weather Sealant 919

Solvent containing silicone-free sealant based on synthetic rubber. Can be used for quick repairing of openings and cracks even when it is raining.

- Mould, UV and weather resistant
- Paintable
- Can be used in all weather conditions
- Adheres to wet and slightly oily surfaces
- Wide range of use indoors and outdoors
- Can be in contact with bitumen
- High elasticity
- Non-sagging, does not spread in the joint
- Silicone free

Fields of application

- Roof repairs even on bituminous surfaces.
- Quick repairing of cracks even on wet and oily surfaces.
- Sealing and repairing rainwater systems.
- Important! Due to the strong smell, please consider ventilation when using inside.

Adhering

Adheres well to most substrates without primer e.g. to brick, concrete, mortar, wood, metal, glass, bitumen and many plastics.
Adheres to wet and slightly oily substrates, however porous surfaces should be dry to achieve better adherence.

Application instructions

Application conditions
Application temperature between -5°C and +40°C.

Surface preparation
The surfaces must be clean from dust and loose particles. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent excess should be removed before evaporating with a clean cloth. Non-porous substrates may be wet. Porous substrates should be dry.

Application method
Cartridge: 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.
If necessary, the adjacent surfaces of the joint should be protected to avoid staining. Usually, masking tape is being used for this. Protective masking tapes should be removed before the sealant's skin is formed.
In wider and movable joints, backer rod should be used as a back-up material, to ensure the correct thickness and shape of sealant joint and to avoid three-sided adhesion.
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.

Cleaning
Uncured sealant can be cleaned with solvents like white spirit, acetone or with special cleaning wipes.
Cured sealant can be removed mechanically.

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Technical data

Properties	Value	Unit
Basis	Synthetic rubber	
Density (DIN 53 479-B)	0,95	g/ml
Skin forming time	15…20	min
Curing rate	1…2	mm/24h
Application temperature	-5 … +40	°C
Service temperature	-40 … +100	°C
Movement capability (ISO 11600)	±25	%
Shore A hardness (ISO 868)	20…30	

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Colour

Transparent.

Package

300 ml cartridge, 12 pcs in a box.

Storage conditions and shelf life

Guaranteed shelf life 24 months from the manufacturing date when stored in closed original package in a dry place and protected from direct sunlight at temperatures between +5 °C and +30 °C.

Limitations

- If immersed under water for a long time, sealant joints may turn yellow. However, this does not affect the quality of the material.
- There is no adhesion to PE, PP, PTFE (Teflon®).
- We don’t recommend this product to be used for natural stone sealing
- Due to the wide variety of possible substrates, we recommend a preliminary compatibility and adherence test. If necessary, prime surfaces to improve adhesion.
- Due to the wide variety of influences during and after application, the customer must always test the product first.
- Please observe the expiration date!
- When using paints containing solvents, drying of the sealant may be slowed down.

Safety regulations

Ensure sufficient ventilation during application and wear necessary personal protective equipment.
More specific safety information is available on the safety data sheet (SDS).

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice.
This TDS replaces and supersedes all previous data sheets on the same product.