

PENOSIL

TECHNICAL DATA SHEET

PENOSIL Painters Acrylic 606

Paintable acrylic sealant

One-component plasto-elastic sealant based on acrylic emulsion. It creates a flexible, durable, and paintable seal, ideal for sealing low-movement finishing joints and filling cracks indoors.

Main benefits

- Can be painted over with water based and alkyd paints
- Easy to apply and cleanable with water
- Practically odorless
- Interior use
- Fast drying
- Good adhesion on a variety of materials

Fields of application

- Correcting surface defects before painting.
- Quick repairs before painting.
- Filling joints between window and door frames and walls.
- Filling the joints between plasterboards and filling of screw holes.
- Repairing, smoothing and filling holes in concrete, plasterboard, bricks.

Adhering

- Wood
- Concrete
- Drywall
- PVC
- Different metals
- Etc.



Colour

White.

Package

300 ml cartridge, 12 pcs in a box.

Storage conditions and shelf life

Guaranteed shelf life 18 months from the manufacturing date when stored in closed original package in a dry place at temperatures between +5 °C and +30 °C.

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Technical classifications and certificates

- Sealant for façade for interior and exterior application
EN 15651-1:2012: Type F-INT

- French VOC Emission Class A+

Technical data

Properties	Value	Unit
Basis	Acrylic	
Consistency	Non-Slump paste	
Skin forming time	20...30	minutes
Loss of volume (ISO 10563)	<25%	%
Application temperature	+5...+40	°C
Service temperature	-20...+80	°C
Shore A hardness (ISO 7619-1)	52	
E-Modulus 100% (ISO 37)	0,80	N/mm ²
Tensile strength (ISO 37)	0,60	N/mm ²
Elongation at break (ISO 37)	>150	%
Density (EN-ISO 2811-1)	1,66	g/ml

The parameters indicated have been measured at +23 °C and 50% relative air humidity.

Application instructions

Application conditions

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

Surface preparation

The surfaces must be dry, clean from dust, loose particles and oil. 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.

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.

Cut the nozzle to create a suitable opening for dosing sealant.

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 suitable tool (e.g., spatula) and remove excess material. The joint should be tooled and smoothed before skin formation, ensuring good contact with the surface to seal. Remove masking tape.

Paintable after the final curing. Early painting can cause cracking of the paint.

It is strongly recommended to cover cured caulk with a suitable paint to guarantee its longevity and similar colour shade with the background surface.

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Cleaning

Uncured acrylic can be removed with water or with PENOSIL Cleaning Wipes. Cured acrylic should be first removed mechanically and then with a moist cloth.

Limitations

- Fresh product must be protected from water and continuous exposure to moisture, until a solid skin has formed.
- The product cures by means of desiccation (water evaporation). High humidity, low temperatures and high joint depth can delay skin formation and curing significantly.
- During drying, the colour will slightly change.
- The product is compatible with most paint systems. Due to the large number of paints and varnishes available, we strongly suggest a compatibility test before application.
- It should not be applied on bituminous or tar containing substrates, and to materials that bleed oils or plasticizers.
- It must not be used in contact with untreated metals (oxidation risk).
- Please observe the expiration date!

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.

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