

TECHNICAL DATA SHEET

PENOSIL Painters Acrylic 606

It is a plasto-elastic water-based mastic that cures fast under evaporation of water, used for sealing finishing joints and filling interior cracking.
Forms a durable flexible seal.

- Water based
- No odour
- Compatible with paints
- Free of solvents, isocyanate and silicone
- Adhesion to most common building substrates
- Easy tooling
- Wash-up with water

Fields of application

- For sealing interior finishing joints for walls, partitions, ceiling and skirting boards
- Connection joints on windowsills, between masonry, etc.
- Sealing of all types of indoors carpentry and partitions
- For filling joints and cracks, repairing small surface defects before painting
- Suitable for bonding expanded polystyrene on absorbent substrates
- Suitable on all usual porous building substrates

Adhering

- Concrete
- Plaster
- Cement
- Plasterboards
- Bricks
- Wood
- Metals
- Glass

Application instructions

Application conditions

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

Surface preparation

Substrates (joint flanks) must be clean, dry, and free of dust, grease and other contaminant which may affect the adhesion. Non-porous surfaces (such as aluminium, glass, etc.) should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles. Mask off the joint edges.

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.

Cleaning

Uncured acrylic can be removed with water or with special cleaning wipes.

Cured acrylic should be first removed mechanically and then with a moist cloth.

Technical data

Properties	Value	Unit
Basis	Acrylic	
Consistency	Non-slump paste	
Density (DIN 53 479-B)	1,7	g/ml
Skin forming time	20...30	min
Loss of volume (ISO10563)	<25	%
Application temperature	+5...+40	°C
Service temperature	-20...+80	°C
Shore A hardness (ISO 868)	49	
Properties of cured sealant		
Tensile strength (ISO 37)	0,55	N/mm ²
Elongation at break (ISO 37)	>300	%

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.

Technical classification and certificates

Sealant for façade for interior application only.
EN 15651-1:2012: Type F-INT

French VOC-emission class A+

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 +25 °C.

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).

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- 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.