

## TECHNICAL DATA SHEET

# PENOSIL Premium Acrylic Sealant

It is a single-component plastic sealant that is based on acrylic emulsion. The sealant is used mainly for filling wall cracks and sealing porous surfaces (e.g., concrete, plaster, cement, brick and wood materials) in an indoor application before painting.

The sealant forms a flexible connection that can be painted with alkyd and dispersion paints. It adheres well to most materials (e.g., concrete, plasterboard, wood, PVC, aluminium) and is moisture resistant 5 hours after application.

### Fields of application

The sealant is used mainly for filling cracks and sealing joints with moderate stress in interior areas. For repairing smaller surface defects before painting. For densification of porous surfaces. For filling cracks in concrete, brick, gypsum, other materials and screw holes. Not recommended for applications in constant contact with water.

### Technical classifications and certificates

Sealant for façade for interior application.  
EN 15651-1:2012: Type F-EXT-INT 12,5P

Sealant used for sanitary applications.  
EN 15651-3:2012: Type S-XS2

M1 - low emission & odour

### Application conditions

Application temperature is from +5 °C to +40 °C. The surfaces must be clean from dust, loose particles and oil. Not suitable for joints with high mobility (more than 12,5% of the joint width). Not suitable for connections of bitumen surfaces. Can cause corrosion on uncovered metal surfaces. Cured sealant cannot be sanded like putty.

### Application instructions

Clean joints of any grease, oil, dust and loose particles.

**310ml cartridge:** Cut off the threaded end of the cartridge and screw on the application nozzle for directing acrylic. 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 acrylic by repeatedly pressing the gun trigger.

**600ml foil package:** Open the end of the foil pack and place the pack inside the gun so that the dosing nozzle keeps covering its open portion. Place the dosing nozzle on the open end and screw on the cap to close the tube. Cut the nozzle to create a suitable aperture for dosing acrylic. Place acrylic in a joint by pressing repeatedly and evenly on the gun's trigger and by dragging the nozzle along the joint. Once the acrylic has been applied, smooth it with a silicon rubber spatula. Remove any excess acrylic.

Maximum recommended dimension of the connection 30x20mm.

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

Paintable after the final curing. Curing time depends on the size of the joint (2,5-3 mm/day). Early painting can cause cracking of the paint.

## Cleaning

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

## Technical data

Properties	Unit	Value
Skin forming time	minute	5-7
Curing time	mm/24 h	2,5-3
Density (DIN 53 479-B)	g/cm <sup>3</sup>	1,65
<b>Properties of cured sealant:</b>		
Intensity of microbiological growth, ISO846		2
Resistance to flow, ISO7390	mm	0
Change in volume, ISO10563	%	25 ± 1
Temperature resistance	°C	-30 to +75

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

## Colour

Bright white, grey, brown.

## Package

310 ml cartridge, 12 pcs in a box.  
600 ml foil package, 20 pcs in a box.

## Storage conditions

Guaranteed persistence 18 months from the date of production, stored in original package in a dry place at temperatures 0 °C to +25 °C. Avoid freezing and temperatures over +25 °C.  
Short-term resistance to freezing, max 10 days at temperatures over -18°C.  
Freeze-thaw resistance 7 cycles at temperatures -18 °C and +23 °C, one cycle lasting 48 hours (24 hours at -18 °C and 24 hours at +23 °C).

## Safety regulations

Uncured product may irritate eyes and respiratory organs. Avoid contact with mouth. Rinse eyes immediately with water and seek medical help. Keep out of reach of children.  
Detailed safety information is available on 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.