PENOSIL

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TECHNICAL DATASHEET

PENOSIL Standard Acrylic Sealant

Single-component plastic sealant, produced on the basis of acrylic emulsion. Sealant is mainly used for filling wall cracks, sealing window and door frames, sealing other joints in sanitary and other indoor applications. Paintable after the final curing with alkyd and dispersion paints. High UV-resistance. Adheres well to most materials.

Field of applications

Mainly used for sealing of cracks and joints in sanitary and other interior areas. Sealing window and door frames, repair of smaller surface defects before painting. For densification of porous surfaces. Filling cracks of concrete, brick, gypsum, other materials and the screw holes. Not recommended for applications in constant contact with water.

Product has been tested and is classified accordingly:

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

Sealant used for sanitary applications.
EN 15651-3:2012: Type S: CLASS XS1

Application conditions

Application temperature between +5 °C and +40 °C. The surfaces must be clean from dust, loose particles and oil. Not suitable for joints with high mobility (more than 8% of the joint width). Not suitable for connections of bitumen surfaces. Poor adhesion to glass and some plastics. Can cause corrosion on uncovered metal surfaces. Cured sealant can not be sanded like putty.

Application instructions

Clear joints of any grease, oil, dust and loose particles.
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.
Place acrylic in a joint by pressing repeatedly and evenly on the trigger of the gun 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 30x20 mm.
It is strongly recommended to cover cured caulk with a 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.

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Technical data

Properties	Unit	Value
Application time	Minute	4-5
Curing time	Mm/24 h	2,5-3
Density, DIN 53 479-B	g/cm³	1,71
Properties of cured sealant:		
Intensity of microbiological grows, ISO846		0
Resistance to flow, ISO7390	mm	0
Change in volume, ISO10563	%	25±1
Temperature resistance	˚C	-20 to +70

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

Colour

White.

Package

Cartridge, 12 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 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

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 cab be handled without any danger to health.
Detailed safety information is available on safety data sheet (SDS).