

TECHNICAL DATA SHEET

PENOSIL Premium Gaps LightFiller

One-component non-shrinking acrylic dispersion-based lightweight filler for repairing and filling cracks and holes. Used on porous surfaces (e.g., concrete, plasterboard, brick, wood) in an indoor application before painting.

- Lightweight
- Low shrinkage
- Paintable with water-based and synthetic paints
- Overpaintable in 20 minutes
- Sandable after curing
- Easy to apply and work with
- Stays bright white after curing

Fields of application

- Filling smaller crack and holes
- Quick repairs before painting
- Repairing, smoothing and filling holes in concrete, plasterboard, bricks and stucco layer
- For indoor use
- Suitable for horizontal and vertical surfaces

Technical classifications and certificates

Jointing material intended for the uses filling and finishing joints of gypsum boards:
Type 1A - EN 13963 :2005

Technical data

Properties	Value	Unit
Tack free time	1-2	minutes
Skin forming time	3-6	minutes
Density	0,62	g/ml
Shrinkage	<8%	%
Resistance to flow (ISO 7390)	0	mm
Properties of cured sealant		
Hardness (Shore A)	55	
Temperature resistance	-20 to +75	°C

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

Colour

White

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.

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 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.

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.

Package

310 ml cartridge, 12 pcs in a box.

Storage conditions and shelf life

Guaranteed shelf life 12 months from the manufacturing date when stored in closed original package in a dry place at temperatures between +5 °C and +30 °C. Avoid freezing and temperatures over +30 °C.

Limitations

- Not suitable in application constant contact with water and damp or wet conditions
- Avoid using on bituminous and tar containing substrates
- Avoid using on substrates that bleed oils and plasticizers
- Best not to use with untreated metals due to oxidation risk.
- 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.
- 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.