

TECHNICAL DATA SHEET

PENOSIL Lightfiller 620

Fast-drying non-shrinking acrylic dispersion-based lightweight filler for repairing and filling cracks and holes.

Main benefits

- Paintable in 20 min
- Sandable
- Non-shrinkage
- Low odour
- Bright white
- For quick repairs
- Easy to use

Fields of application

- Filling small cracks and holes.
- Quick repairs before plastering and painting.
- Repairing holes in most common wall materials.
- Suitable as bedding compound in gypsum board joints.
- For indoor use.
- Suitable for horizontal and vertical surfaces.

Adhering

- Gypsum board
- Concrete
- Masonry
- Wood
- Treated metals

Application instructions

Application conditions

Application temperature between +41°F and +104°F.

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.

Paintable after the final curing. Curing time depends on the size of the joint (0,1 inch/day). Early painting can cause cracking of the paint.

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.

Technical data

Properties	Value	Unit
Basis	Acrylic	
Density (DIN 53 479-B)	5,2	lb/gal
Tack free time	1...2	min
Loss of volume (ISO 10563)	<8	%
Resistance to flow (ISO 7390)	0	inch
Service temperature	-4...+167	°F
Shore A hardness (ISO 868)	55	

The values specified were obtained at +73 °F 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

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

Color

White.

Package

10.1 fl oz 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 +41 °F and +86 °F. Avoid freezing and temperatures over +86 °F.

Limitations

- Not suitable in application constant contact with water and damp or wet conditions
- Avoid using on bituminous and tar containing substrates
- Not suitable for moveable joints
- 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.
- 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.