

Pore Filler Densifier PFD 71

Interior & Exterior

Hardener and PU - filler based on a modified MICRO sodium - potassium silicate..

Chemical description

Pore Filler Densifier PFD 71 is a combination of a curing agent and PU-filler on the basis of a specially adjusted – modified Sodium - Potassium Silicate, in aqueous solution.

Mode of action

Pore Filler Densifier PFD 71 due to its special composition yields very stable bonds with high strength in combination with mineral inert substances.

By the addition of modified polyurethane resin, highly stable and planar filling properties (pore filling of the concrete surface) can be achieved.

Specifications (average values)

Dry content:	approx. 36,0 %	007 *)
Density (20°C):	approx. 1,37 g/cm ³	042 *)
pH (10 % in water):	approx. 11,3	008 *)
Viscosity (20°C):	approx. 100 mPas	053 *)
Appearance:	clear to slightly opalescent liquid	
Odour:	almost none	

**) Internal method code – description available on request*

Properties

- long shelf life,
- good wetting ability of inorganic and mineral substances,
- reacts with organic and inorganic hardeners
- heat and acid resistant,
- results in combination with our special water-resistant curing agents
- Bonds and leads to the highest hardness values.

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Application Handling

Pore Filler Densifier PFD 71 -- three professional results in one step:

- ** hardening of the floor surface
- ** scratch-free grinding/polishing
- ** Pore filling

After the grinding operation # 30 / 40 grit, the **Pore Filler Densifier PFD 71** in the ratio 1:1 to 1: 3 is sprayed on the floor.
Depending on condition and type of floor.

- * using #100 grit Shark Metal/Resin bond tool, grind in a crosshatch pattern
- * apply enough Pore Filler to create a paste-like grinding slurry
- * this is a wet process – do not allow slurry to dry while grinding
- * allow slurry to dry out thoroughly until pits and pores are completely dry
- * proceed with the 100 grit WaterGloss pad and grind off the dried slurry completely (depending on type of floor – 200 grit may be used for this step)

Note

Pore Filler Densifier PFD 71 is only classified as slightly hazardous to water (according to German water hazard class regulations).
During application or by heat impact no hazardous gases or decomposition products are created.

Storage

Pore Filler Densifier PFD 71 must not be stored in aluminium or galvanized containers.

Protect from freezing. The containers must be kept tightly closed. Storage stability is approximately 12 months.

Labelling / Safety

Not classified as dangerous according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).

See the safety data sheet

Packaging

10 liter cube container / 120 liter drum / 1000 liter container