

Potassium Densifier PD 105

Interior & Exterior

**High quality curing agent based on a modified potassium silicate.
Premium Quality**

Chemical description

Potassium Densifier PD 105 is an inorganic binder of potassium silicate. Premium quality CONCRETE CURING. By using this solution, an extremely hard, durable concrete floor surface is achieved..

Mode of action

Potassium Densifier PD 105 solidifies and hardens mineral surfaces by silicification..

Specifications (average values)

Solids content:	approx. 28,0 %	007 *)
Density (20°C):	approx. 1,25 g/cm ³	042 *)
pH value (10 %):	approx. 10,8	008 *)
Viscosity (20°C):	approx. 28 mPas	053 *)

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

Properties

- very good adhesion to mineral surfaces by silicification
- lifetime benefits when used on concrete floors
- makes concrete floors extremely resistant when exposed to harsh climactic conditions
- floors remain moisture vapour permeable
- uniform expansion rates with respect to mineral surfaces,
- waterproof, corrosion-resistant, stain-resistant and UV stable
- versatile applications due to good compatibility with Various substrates,
- Natural mineral appearance,
- applied layers do not lead to blistering, since the Coatings are vapor permeable,
- increases adhesion and resistance to efflorescence and Staining

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Application

Potassium Densifier PD 105 is a top quality densifier. Suitable for all natural stone flooring, concrete floors. Guaranteed to resist efflorescence and staining.

After grinding with # 100 grit Shark (scratch-free Metal /Resin Bond Tool), the **Potassium Densifier PD 105** is applied at a ratio of 1:1 to 1: 2 using a pump up sprayer and microfiber applicator.

After the floor dries completely, (according to the type of floor covering: 2 - 12 hours) continue with the next grinding steps.

Note

Drums containing **Potassium Densifier PFD 71** must always be kept tightly closed.

Adjacent areas of glass, ceramic, concrete, metal, and natural stone must be well masked before the coats are applied.

Any splashes must be removed immediately with water.

The tools must be cleaned with water immediately after use.

The addition of some Trilon B and caustic soda effects better clean-up.

Storage

Potassium Densifier PFD 71 must be protected from freezing during storage.

Its shelf life in tightly closed drums is at least twelve 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