

PC® Finish 1 one-component

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1. Description and area of application

PC® Finish 1 is a high-strength, machine-compatible mineral readymixed dry mortar. The grain sizes 1 mm.

PC® Finish 1 consists of dried white brilliant marble sands, hydrated lime, white cement and additives for better processing, adhesion and water repellency.

PC® Finish 1 is suitable for decorative interiors in scraped texture.

PC® Finish 1 corresponds to the mortar group P II in accordance with CS II according to DIN EN 998-1.



2. Processing

2.1 Preparation of the subsurface

PC® Finish 1 is used as a finish coating applied on PC® 74A1.

2.2 Preparation of the product

The content of the bag of PC® Finish 1, 25 kg, is added approx. 6.5 - 7 liters of clean water and must be stirred homogeneously with a paddle until the right consistency. Allow the mixed material mature about 10 minutes and then stir again briefly and possibly processed by adding more water.

2.3 Application procedure

PC® Finish 1 is applied with a stainless steel trowel. The maximum thickness is about 1 mm.

2.4 Cleaning the tools

Cleaning the tools with water immediately after use.

2.5 Additional notes

- Ambient temperatures and surface temperatures must not drop below + 5 °C during application and drying period. Do not apply in direct sunlight. A too quick drying of the PC® Finish 1 as a coating has to be avoided. Protect damageable areas and materials (glass, ceramic, wood, metal etc.) before starting the works.
- Dispersion paint can be used on it.

2.6 Product Safety Notice

All material safety data sheets (MSDS) are available. They aim to ensure a safe handling of the product and correct disposal.

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3. Type of delivery and storage

Paper bags of 25 kg. 48 bags/pallet

Dry, protected from moisture, shelf life 12 months.

4. Consumption

Plaster thickness: about 1 mm

approx. 1.9 kg / m² approx 13.1 m² / bag (25 kg / bag)

5. Key data

Type	mineral finishing plaster
Basis	dried white brilliant marble sands, hydrated lime, white cement and additives for better processing, adhesion and water repellency. Colorized plasters contains inorganic dry pigments and are alkali-stable and non-fading.
Consistency	powder
Service temperature	- 30 °C to + 80 °C
Application temperature (air + subsurface)	+ 5 °C to + 35 °C
Application time	approx. 2 hours
Surface drying time	between 20 mins and several hours (depending on Relative Humidity)
Depth drying time / complete curing	approx. 24 to 72 hours, depending on construction humidity up to 28 days
Mass density mixture	approx. 1.9 kg/dm ³
Colour	white
Water vapour diffusion resistance number	$\mu \leq 25$
Water solubility	insoluble after complete drying
Solvent	none
Reaction to fire (EN 13501-1)	-
VOC	-
Giscode	-
Water needs	approx. 6.5 - 7 l/bag
Compressive strength	approx. 3.1 N/mm ²
Thermal conductivity	approx. 0.66 W/mK

The physical properties indicated above are average values, which are measured under typical conditions. These values may be influenced by the type of laying, the layer thickness and the atmospheric conditions during and after application. In particular drying times are affected by temperature, air humidity, sun irradiation, wind, etc.