

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.



Plaster & Façade Systems

P532a.de

Product Data Sheet

2023-03



Pico der Feine

Fine plaster with marble grains for interiors

Product description

Mineral-based, fine grain finishing plaster with brilliant white marble grains and additional added mica for fine decorative, sandpapery texture surfaces in interiors. A diverse range of textures can be achieved by use of various tools.

Composition

Hydrated lime, white cement, graded marble grains and water-retaining additives Lightfast and alkaline resistant mineral colour pigments, if required.

Storage

Store the bags on wooden pallets in a dry environment. The product can be stored for at least 12 months. Re-bag damaged bags and use first.

Quality

In compliance with EN 998-1, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

Properties and added value

- Coloured rendering mortar CR acc. to EN 998-1
- Compressive strength category CS II acc. to EN 998-1
- Biocide-free
- For interiors
- Manual application
- Available on request with additional mica added
- Grain size 0.6 mm
- White (approx. RAL 9016)

Field of application

As a mineral finishing coat:

- On lime, lime-cement and cementitious basecoats or reinforcement plaster in interiors
- On gypsum plasters
- On gypsum boards and plaster block

Application

Substrate and pretreatment

Substrate	Pretreatment
Lime, lime-cement and cementitious basecoats	Use Isogrund if required
Reinforcement plaster	Use Isogrund if required
Restoration plasters	None
Gypsum and gypsum lime plasters	Prime with Quarzgrund Pro/ Raumklima Grundierung ¹⁾
Smooth concrete, prefabricated concrete units	Prime with Quarzgrund Pro/ Raumklima Grundierung ¹⁾
Gypsum boards	Remove the dust and treat the sanded surfaces with Grundol if necessary. Pretreatment with Aton Sperrgrund barrier coating.
Plaster blocks	With absorbent substrates apply a primer coat of Grundol and a coat of Quarzgrund Pro / Raumklima Grundierung primer ¹⁾

Allow primer coats to dry for at least 12 hours before continuing work.

1) Drying time until subsequent application of Quarzgrund Pro/Raumklima Grundierung primer approx. 2 hours.

Preparation

Check substrate for compliance with VOB part C, DIN 18350, DIN 18345 chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 no.

3. Clean the substrate of dust and loose parts and remove, ensure that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" (German only) issued by the German Bundesverband Ausbau und Fassade. Protect weather-exposed surfaces from precipitation and direct sunlight.

All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion.

Mixing

Mixing by hand

Thoroughly mix the content of one bag with 8.3 litres of clean water without further additions until an application-ready lump-free consistence is achieved.

Application

Fine, sand-paper like surfaces

Apply the mortar with a stainless steel tool and strike off to about 2 to 3 mm. Remove fins/protrusions after initial setting. Apply a second coat in grain thickness and immediately sponge without water. For a smoother finish, rub down with a fine sponge or use the Rotkalk Sponge Float Fein until, if necessary, the mica content or the additional mica additive is visible.

Freely styled texture

On finely textured surfaces, and depending on the desired texture finish, apply/spray on approx. 3 to 5 mm of plaster, smoothen with a trowel and texture immediately using the desired tool (sponge float, trowel, brush, roller etc.).

Note

Work fresh-in-fresh, do not re-smoothen surfaces already smoothened. Always complete visually unified surfaces in one working step on the same day. Do not use a range of different tools to avoid differences in the colour and textural effects.

Application temperature / climate

Do not apply with air, component and/or substrate temperatures below +5 °C and ensure that temperature does not fall below this temperature until the plaster has hardened sufficiently. Furthermore, the temperature should not exceed 30 °C during application.

In order to prevent rapid dehumidification of the fresh plaster by the exposure to direct sunshine (high surface temperatures), and/or strong wind (danger of cracks reduction in strength) suitable protection measures / treatment (e.g. protective nets, keeping moist) are required.

Cleaning

Clean the machines and tools with water immediately after use.

Notes	<p>Renders must be applied according to EN 13914, DIN 18550-1 or alt. DIN 18550-2, DIN 55699, DIN 18345 and DIN 18350 well as the generally recognized building engineering rules and valid guidelines.</p> <p>The mineral finishing plaster offers some protection against algal and fungal growth and has an inhibiting effect due to its natural alkaline formulation. No guarantee can, however, be given for long-term protection against algal and fungal growth. The susceptibility depends on the local and environmental conditions.</p> <p>Heating in rooms should only be put into operation in stages. Rapid dehumidification, e.g. using dehumidifiers should be avoided.</p>
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Coatings and linings

Paints

Finishing renders must be fully hardened and dry before paint coats are applied.

To ensure a homogeneous colour shade, pigmented finishing plasters should be applied in the interior e.g. with Raumklima Farbe E.L.F. paint or Rotkalk Farbe E.L.F. paint.

Notes	<p>When mineral finishing plasters are applied, it is possible that a uniform colour hue may not be achieved or a difference in the degree of gloss may occur on the plaster surface due to processing, consistence, weather-related or drying condition factors.</p> <p>These features, however, in no way impair quality and shall not provide any justification for claims in respect of the material as they stem from uncontrollable physical conditions at the site and they can be equalized by application of a coating.</p> <p>A 100% colour uniformity between the finishing render and the coating as well as on the Knauf colour shade selector card cannot be guaranteed. The colour effect is influenced by lighting effects on the surface, exposure to weather and drying conditions. We recommend that you create some test areas to determine the exact colour effect.</p>
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Technical data

Description	Standard	Unit	Pico der Feine
Reaction to fire	EN 13501-1	Category	A2-s1, d0
Graining	–	mm	0.6
Compressive strength	EN 1015–11	Category	CS II
Water vapour diffusion resistance μ	EN 1015-19	–	≤ 14
Thermal conductivity $\lambda_{10, dry, mat}$ at P = 50 %	EN 1745	W/(m·K)	≤ 0.82
P = 90 %		W/(m·K)	≤ 0.89
Capillary water absorption	EN 1015-18	Category	W _c 0

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

Material requirement and efficiency

Graining mm	Coat thickness mm	Consumption approx. kg/m ²	Yield approx. m ² /bag
0.6	3.0	3.5	7.1

The consumption values were determined under laboratory conditions. Additional consumption resulting from conditions in practice must be taken into account. The material consumption depends on the roughness, evenness and absorption properties of the substrate as well as the machinery used.

Product range

Pico der Feine	Application	Packaging unit	Material number	EAN
0.6	25 kg	42 bags / pallet	00763518	4003950142932
	25 kg (pigmented)		00763559	4003950142963

Please refer to the Farbcenter for possible colour shades (German only) at:

knauf-farbcenter.de



Observe safety data sheet!

For safety data sheets and CE marking see
pd.knauf.de



Videos for Knauf systems and products can be found under the following link:
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