

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 and Façade Systems

P205a.de

Product Data Sheet

2022-01

Rotkalk Finish

Fine plaster on Rotkalk fine plaster

Product description

Refined lime smoothing plaster for smoothing on Rotkalk Glätte.

Composition

Hydrated lime, white cement, limestone powder and water-retaining additives

Storage

Store the bags on wooden pallets in a dry environment. The product can be stored for at least 12 months.

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

- General-purpose rendering / plastering mortar GP acc. to EN 998-1
- Compressive strength category CS I acc. to EN 998-1
- For interiors
- Manual application
- Moisture regulating, thus favourable for the interior climate (vapour permeable)
- Grain size 0.1 mm
- Colour shade beige

Application

Substrate and pretreatment

Substrate	Pretreatment
Rotkalk Glätte	None.

Preparation

Check the substrate for compliance with VOB part C, DIN 18350, chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 section 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 Abdeckarbeiten für Maler- und Stuckateurarbeiten - *Masking and covering for painting and stucco work*” (German only) issued by the Bundesverband Ausbau und Fassade.

Preparation of the substrate in accordance with the table "Substrate and pretreatment". 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

Mix the content of one bag with 11 litres of clean water without further additions until an application-ready lump-free consistence is achieved. When mixing, use clean water and do not add other additives.

Application

Apply Rotkalk Finish on the solidified Rotkalk Glätte on the following day. Apply an extremely thin coat of Rotkalk Finish and smoothen, after about 1 hour if required, smoothen again with fresh material. In order to achieve quality level Q4 – smoothed, perform as many smoothing steps as are necessary until the requirements of the quality level demanded are fulfilled.

Application temperature/climate

Do not apply material at air and/or substrate temperatures below +5 °C and above +30 °C. Protect fresh mortar from frost and rapid drying.

Cleaning

Clean the machines and tools with water immediately after use.

Coatings and linings

Use Rotkalk Farbe E.L.F. paint specially developed and matched for colour design of the Rotkalk plaster system. A preliminary coat of undiluted Casiol Grund must be applied. If no further coatings are applied, an application of an undiluted coat of Minerol fixative is recommended when fully dry.

Note	<p>Plaster must be applied according to EN 13914-2, DIN V 18550 and DIN 18350, VOB part C as well as the generally recognized building engineering rules and valid guidelines. For surface quality see the see Code of Practice “Putzoberflächen im Innenbereich - <i>Plaster surfaces in interiors</i>” (German only) issued by the Bundesverband der Gipsindustrie e.V..</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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Technical data

Description	Standard	Unit	Rotkalk Finish
Reaction to fire	EN 13501-1	Class	A2-s1, d0
Graining	–	mm	0.1
Compressive strength	EN 1015-11	Category	CS I
Bond strength	EN 1015-12	N/mm ²	≥ 0.08
Failure pattern		–	A, B or C
Capillary water absorption	EN 1015-18	Category	W _c 0
Thermal conductivity $\lambda_{10, \text{dry mat}}$ at P = 50 %	EN 1745	W/(m·K)	≤ 0.82
P = 90 %		W/(m·K)	≤ 0.89

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

Material requirement and efficiency

Coat thickness mm	Consumption approx. kg/m ²	Yield approx. m ² /bag
0.1	0.1	200.0
0.5	0.5	40.0

The exact consumption can only be determined with a test application on the individual object.

Product range

Description	Quantity	Graining	Packaging unit	Material number	EAN
Rotkalk Finish	20 kg	0.1 mm	36 bags/pallet	00076825	4003950056536



Observe safety data sheet!

For safety data sheets and CE marking see
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