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

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Plaster and Façade Systems

P191H.de

Product Data Sheet

2020-10

Rotkalk in-Grundputz Historic

For leveling unevenness on interiors of half-timbered building walls

Product description

Rotkalk in-Grundputz Historic is a mineral, clay-based render that has been specially developed for levelling walls and ceilings on timber-framed buildings in interiors. The levelling of unevenness on walls and ceilings guarantees optimal functioning of the Rotkalk in-System Historic. The base plaster is particularly absorptive and conducive to capillary action and features optimum plasticity to permanently absorb the movements in the substrate.

Storage

Can be stored dry and protect against permanent moisture, frost and weather conditions for 3 years in the original sealed package.

Quality

In compliance with DIN 18947, the product is subject to continuous factory production control.

Properties and added value

- Plaster with clay content for interiors acc. to DIN 18947
- Compressive strength category S II acc. to DIN 18947
- Steam diffusion permeable
- Capillary action
- Very good moisture absorbing and relasing performance
- Easy and fast application
- Suitable for hand or machine application
- Long working time
- High level of bonded adhesion

For leveling unevenness on interiors of half-timbered building walls

Field of application

For levelling unevenness of the half-timbered walls and ceilings in interiors. Forms the substrate for a full-surface adhesive application of Rotkalk in-Board 055 Historic (WI, DI acc. to DIN 4108-10).

Application

Substrate and pretreatment

The substrates must be stable, dry, clean, free of grease, sufficiently roughened and absorbent. Existing layers made of clay plasters must be fully dried. Dampen if necessary (spray) to bond surface dust. Pipe matting must be dry. Paint coats and non-substantial coatings must be carefully removed.

Mixing

Mix a 25 kg bag in approx. 6 l water (1 kg = 0.24 l water) using commercially available electrical mixers, rotary drum mixers, pan mixers and pugmill mixers. Suitable for use in plastering machines (mixing pump G4 / G5 or similar).

Application

The mortar can be cast on the wall using a trowel or sprayed on with a plastering machine. The application thickness in the wall area can be a maximum of 35 mm per layer. A maximum layer of 10 mm thickness is possible on the bottom of the ceiling. The consistence of the mortar must be adapted to the application thickness. The material can be worked for a few days as there is no chemical setting process involved. It can also remain in the plastering machine for the same length of time. Ensure quick drying after application, e.g. by provision of cross ventilation or drying equipment. Further work can continue after drying is complete, and at the earliest after any shrinkage cracks are no longer possible. Check the suitability of the substrate and use a sufficiently large sample when checking.

Caution

Do not dispose of Rotkalk in-Grundputz Historic in the drains.

Application temperature / climate

Do not apply material below 0 °C. The substrate must be frost-free. Protect the fresh mortar against moisture during application and storage. Observe the shorter setting times at higher temperatures.

Technical data

Description	Standard	Unit	Rotkalk In-Grundputz Historic
Density	DIN 18947	g/l	1800
Thermal conductivity λ	EN 13162	W/(m·K)	0.91
Water vapour diffusion resistance μ	EN 12086	–	10

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	m ² /t
1.0	1.5	16.7	666.7

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

Product range

Description	Packaging unit kg/bag	Bags/pallet	Material number	EAN
Rotkalk In-Grundputz Historic	25	48	00707064	4003950139253



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www.youtube.com/knauf



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