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

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Plaster and Façade Systems

P193H.de

Product Data Sheet

2020-10

Rotkalk In-Klebemörtel Historic

Mineral mortar for adhesive bonding of Rotkalk in-Board 055 Historic

Product description

Rotkalk in-Klebemörtel Historic is a mineral, clay-based plaster with perlite content and serve as components of the of the interior insulation system for timber-framed houses as an adhesive for full surface adhesion of Rotkalk in-Board 055 Historic. The optimum functionality of Rotkalk in-System Historic results from the coordinated interplay between hydrophilic, capillary active insulation boards and the specially developed absorptive and capillary conductive Rotkalk in-Klebemörtel Historic.

Storage

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

Quality

The product is subject to continuous factory production control.

Properties and added value

- Steam diffusion permeable
- Absorptive and conductive to capillary action
- Easy and fast application

- Long working time
- High level of bonded adhesion and slipping prevention

Field of application

The sophisticated adhesive is used for full surface adhesive bonding of the Rotkalk in-Board 055 Historic to the interiors of half-timbered building walls and is a component of the Rotkalk in-System Historic interior insulation system.

Application

Substrate and pretreatment

Clean and remove dust and loose parts on the substrate, and ensure that the surface is smooth. 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.

Check the strength of old plasters and the adhesion to the substrate. Remove unstable old plasters, paint coats, old wallpaper coverings and mould. Prime chalking surfaces. Remove gypsum plasters. Level unevenness with the Rotkalk in-Grundputz Historic equalization plaster. The plaster must be fully dried before continuing work. The substrate should be sufficiently roughened and absorbent.

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.

Mixing

Mix a 25 kg bag in approx. 8.3 l water (1 kg = 0.33 l water) using a commercially available electrical mixer. Allow the mixture to mature for 30 minutes then mix again before use.

Application

Decoupling strips must be applied (e.g. Knauf sealing tape) before adhesively bonding the first insulation panel onto the floor and under the ceiling. In event of unevenness, apply a Knauf Fugendichtband joint sealing tape to avoid back air flow.

Rotkalk in-Klebemörtel Historic should always be applied to the full surface using a notched trowel (minimum tooth spacing 10 x 10 mm) on Rotkalk in-Board 055 Historic and combed through. The insulation panels are applied directly after application of the adhesive in the horizontal rows with a minimum board offset ≥ 20 cm at a constant pressure by sliding and pushing-in and aligning perpendicular and flush. Ensure that the insulation panels are tightly jointed and that adhesive does not enter the joints. Large flaws, e.g. in panel joints should be closed with narrow board strip. Narrow imperfections and flaws and any possible spalling can be filled with Rotkalk in-Füllmörtel TecTem.

In case of uneven walls, Rotkalk in-Klebemörtel Historic can be spread on the wall using a notched trowel (minimum tooth spacing 8 x 8 mm). Subsequently apply Rotkalk in-Klebemörtel Historic using a notched trowel (minimum tooth spacing 8 x 8 mm) in the insulation panels. Application is undertaken at right angles to one another. Rotkalk in-Board 055 Historic should be applied directly after application of the adhesive on the wall and pushed-in and aligned.

Caution Do not dispose of Rotkalk in-Klebemörtel Historic adhesive 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.

Drying time

Depending on the weather conditions and absorbency of the substrate setting can take between 24 to 72 hours.

Cleaning

Clean the machines and tools with water immediately after use.

Technical data

Description	Standard	Unit	Rotkalk In-Klebemörtel Historic
Density	–	g/l	1700
Thermal conductivity λ	EN 13162	W/(m·K)	0.73
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
5.0	5.0	5.0	200.0

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

Product range

Description	Packaging unit		Material number	EAN
	kg/bag	Bags/pallet		
Rotkalk In-Klebemörtel Historic	25	48	00707062	4003950139239



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www.youtube.com/knauf



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