

## Technical Data Sheet

# Rajasil Kalkfeinputz mit Wasserabweisung

### (Lime Render)

#### Rajasil Kalkfeinputz mit Wasserabweisung:

Dry factory-mixed mortar CR, CS I, W 1  
in accordance with DIN EN 998-1 (P I according to former DIN V 18 550)  
for the creation of thin-layer finishing coats with a smooth felt-float finish  
Colour: white and light colours

#### Properties:

**FEHLT**

#### Areas of Application:

Rajasil Kalkfeinputz mit Wasserabweisung is a thin-layer plaster for interior surfaces e. g. on Rajasil lime renders, Rajasil renovation renders, Rajasil trass lime renders and on structurally sound existing renders.  
Not suitable for application on wall bases!  
The responsibility for any usage exceeding these areas of application lies solely with the user.

#### Composition:

Hydraulic lime; quartz sands, maximum grain size approx: 0.6mm; pigments, if applicable; admixtures for improved workability and admixtures for water-repelling properties. **FEHLT**

#### Technical Data:

Mortar group	CR, CS I, W 0 with DIN EN 998-1 (P I with former DIN V 18550)
Cured mortar gross density	1,2 kg/dm <sup>3</sup>
Flexural strength	0,7 N/mm <sup>2</sup>
Impact resistance	approx. 1,3 N/mm <sup>2</sup>
Rake DIN 4108 thermal conductivity	0,89 W/(m·K)
E – module	approx. 1800 N/mm <sup>2</sup>
c – value (capillary water absorption)	> 0,4 kg/(m <sup>2</sup> ·min <sup>0,5</sup> )
μ - value	approx. 10

#### Coverage:

approx. 1.4kg of dry mortar per m2 per mm of layer thickness

#### **FEHLT**

#### Preparation of the Substrate:

Prime highly absorbent substrates with Rajasil Tiefengrund W and allow to dry. Thoroughly prewet absorbent substrates.

#### Application and Substrate Temperature:

+ 5 °C minimum; lower temperatures during the curing phase can have a sustained negative effect on product properties.  
With high environmental temperatures (and/or strong wind), additional measures are necessary to prevent premature loss of mixing water.

#### Preparation of the Product:

Add dry mortar to required amount of water and mix to a lump-free consistency using a power stirrer. Mixing pumps with suitable secondary mixers can also be used.

#### Application:

Apply mortar to prepared substrate using trowel or mixing pump machine. During the curing period, the surface can be felt-float finished or smoothed.  
Render thickness: 5mm approx.

#### After Treatment:

Protect fresh render from rain and premature dehydration (sun, wind, high temperatures) and frost during curing. If necessary, keep damp!

#### Coating:

It is recommended to only use open-porous coating systems; e. g. for interior surfaces: Rajasil Kalkfarbe, Rajasil Silikat-Innenfarbe; for exterior surfaces: Rajasil Silikonharzfarbe, Rajasil Silikat-Fassadenfarbe.

#### Notes:

Colours (light colours only) will be adjusted according to the Rajasil Farbtoneblock (colour tone scale) or according to the sample provided. Prior to the application of the coating, set up a test panel and compare to the colour on the colour tone scale or to the custom colour ordered.

Application method and application conditions – such as absorbency and surface texture of the substrate (see also VOB DIN 18 363, paragraph 3.1.1), weather conditions or environmental reflexes – can result in divergences in colour shade.

When placing a follow-up order, please make sure to provide: the date of your initial order, the batch number, as well as the shipping note/invoice number.

Due to the usage of mineral raw materials, follow-up deliveries may slightly vary in colour shade. We therefore strongly recommend to only use material from the same production batch for continuous surfaces.

Complaints made after application as to divergences in colour shade from the colour tone scale or from the sample provided cannot be accepted. Also, divergences in colour shade that are a result of the circumstances described do not constitute a reason for complaint.

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Variations in colour shade and surface texture over the course of time due to weather and environmental factors, e.g. atmospheric particles, are not covered by warranty. Technical functionality remains unaffected.

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**Safety Instructions:**

Rajasil Kalkfeinputz contain hydraulic lime and thus react alkaline when fresh. Avoid contact with eyes and skin. Protect eyes and skin. If product gets on skin, wash of immediately. If product gets in eyes, thoroughly flush with water immediately and seek medical attention. If product is swallowed, seek medical attention immediately. Wear suitable protective gloves.  
Keep product out of the reach of children.  
For further information see Safety Data Sheet.

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**Storage:**

Store in a dry place; shelf-life in original container: approx. 9 months.  
Low chromate conforming to TRGS 613

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**Quality Control:**

Constant monitoring of production through laboratory analyses.

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