

Technical Data Sheet

Rajasil Renovierputz grob/fein

(Renovation Render)

Rajasil Renovierputz grob/fein:

Dry factory-mixed mortar for the creation of thin-layer mineral finishing coats; CR, CS II, W 2 in accordance with DIN EN 998-1 (P II according to former DIN V 18 550). For interior and exterior renovation work on existing, structurally sound renders.

Properties:

Water-repellent, excellent water vapour permeability, fibre reinforced, also adheres well on sound synthetic resin renders and dispersion paint coats.

Water-repellent render systems:

Even when used on non-water-repellent existing renders, after application of Rajasil Sanierputz the final render system will be water repellent if applied closed-textured and with a minimum thickness of 5mm.

Areas of Application:

As water-repellent render for exterior use; as decorative plaster for interior use

Rajasil Renovierputz fein max. grain size 0.6mm approx.
Rajasil Renovierputz grob max. grain size 1.2mm approx.

Not for wall base application!

Responsibility for any usage exceeding these areas of application lies solely with the user.

Composition:

White lime hydrate; white cement; carefully selected aggregates; hydrophobizing admixtures and admixtures for the enhancement of elasticity, adhesion and workability; pigments (where applicable); alkali-resistant fibres

Technical Date:

Water vapour permeability μ :	approx. 8
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Coverage:

Rajasil Renovierputz fein	approx. 1.4 kg/m ² per mm thickness	(min. 3mm; exterior approx. 5mm)
Rajasil Renovierputz grob	approx. 1.4 kg/m ² per mm thickness	(min. 5mm to approx. 8mm)

Substrate:

- structurally sound mineral renders and coatings
- structurally sound saponification resistant synthetic resin renders and dispersion coatings
- Rajasil Grund- und Armierungsputz

Prior to application of Rajasil Renovierputz, it is essential to thoroughly examine the substrate as to its structural soundness; refer to WTA Recommendation 2-4-07 on the assessment and repair of cracked facade renders (WTA-Merkblatt 2-4-07 "Beurteilung und Instandsetzung gerissener Putze an Fassaden", section H 5; for enquiries on an English-language version, please contact the publisher directly)

Preparation of the Substrate:

Mineral substrates:

1. Examine render as to stability in wet and dry condition, adhesion to masonry and absorbency. Examine mineral coatings as to adequate adhesion and chalking.
2. Clean facade surfaces using pressurized water jet cleaning (allow sufficient time for drying). Where necessary, remove algae, fungi and moss infestations by mechanical means and treat with Rajasil Fungizid.
3. Where applicable, perform necessary repairs using Rajasil Grund- und Armierungsputz; fill larger hollows using Colfirmat Mineraleichtputz.
- 4a) Pre-wet structurally sound, unevenly-absorbent renders.
- 4b) Stabilise superficially sanding and chalking renders using Rajasil Tiefendgrund W.
- 4c) Thoroughly stabilise sanding, insufficiently stable renders on exterior surfaces using Rajasil Putzfestiger. A minimum of two immersions, wet-on-wet, is necessary.
- 5.) If render is felt-float-finished and evenly or low-absorbent, do not prime; pre-wetting the substrate is always necessary (also with textured surfaces).
- 6.) Prime gypsum substrates using Rajasil Tiefendgrund W and Rajasil Putzgrundierung.

Organic substrates:

Structurally sound, saponification resistant synthetic resin renders or dispersion coatings

1. Examine render as to stability in wet and dry condition and adhesion to masonry. Examine adhesion to substrate. On paint coats, perform cross-cut test and adhesive tape test.
2. Clean facade surfaces using pressurized water jet cleaning (cold; allow sufficient time for drying). Remove algae, fungi and moss infestations by mechanical means and treat with Rajasil Fungizid
3. Pre-treat organic bonded substrates (dispersion coatings, synthetic resin renders) using Rajasil Putzgrundierung prior to the application of the renovation renders.

Application and Substrate Temperature:	+ 5 °C minimum; lower temperatures during the curing phase can have a sustained negative effect on product properties. With high temperatures (and/or strong wind), additional measures are necessary to prevent premature loss of mixing water.
Product Preparation:	Add required amount of water to dry mortar and mix to a lump-free consistency using suitable machinery or mortar bucket and power stirrer. Mixing pumps with suitable secondary mixers can also be used.
Application:	Both the fine and coarse types can be textured using steel float, trowel, finishing knife or brush. Always work wet-on-damp; with larger surfaces, have a man work on each scaffolding level.
Finishing Coat:	After Rajasil Poregrundputz SP2 has cured properly, cover it with Rajasil Sanierputz SP2 or Rajasil Sanierputz SP2 NEU (see Technical Data Sheet Rajasil Sanierputz SP2, Rajasil Sanierputz SP2 NEU).
After Treatment:	Protect newly applied render adequately from premature dehydration (sun, wind, high temperatures), frost and rain.
Subsequent Surface Treatment:	Divergences in the colour of renovation render surfaces due to weather conditions, properties of the substrate or application method can be equalised by one-coat application of e. g. HECK Ausgleichsfarbe (colour as on colour tone scale) onto the superficially dry render surface (roller or brush application). On principle, with coloured renovation renders an equalising paint coat is always deemed necessary and has to be included in invitations to tender and in quotations. In agreement with the client, on-site application can then be made dependent on whether or not the desired aesthetic effect necessitates such a coating. (Information Sheet: Equalising Paints on Decorative Renders) Normally, one-coat application is sufficient. On principle, the selection of the equalising paint coat will be based on our colour tone scale (Farbtonblock) or on the sample supplied; colour shade can be modified by the on-site applicator. Drying time: 1 week, depending on weather conditions If paint coating is planned, apply priming using Rajasil Silicongrundierung or Rajasil Fassadengrundierung W and two coats of Rajasil Siliconharzfarbe.
Notes:	Colours (light colours only) will be adjusted according to the Rajasil Farbtonblock (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 type, 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 using only material from the same production batch for continuous surfaces. Complaints made after application as to divergences in colour shade from the colour tone scale (Farbtonblock) 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. 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. Under adverse conditions, the formation of micro-organisms, e. g. algae, cannot be ruled out and does not constitute a reason for complaint.
Safety Instructions:	Rajasil Renovierputz contains lime and cement and thus reacts alkaline when fresh. Avoid contact with eyes and skin. If product gets on skin, wash off immediately. If product gets in eyes, thoroughly rinse with water immediately and seek medical attention. Wear suitable protective gloves. If product is swallowed, seek medical attention immediately. Keep product out of the reach of children. For further information see Safety Data Sheet.
Storage:	Store in dry place; shelf-life in original container: approx. 9 months.
Quality Control:	Constant monitoring of production through laboratory analyses.



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