

## Rausan KR Fine Render 3530

organically bound render (smooth render) according to DIN EN 15824, ready for use, for exterior use



Color System

### Field of application

To obtain fine, decorative smooth render surfaces, specially designed for surface areas in the Brillux ETIC System, such as window reveals and niches, plaster strips, mirrors, as well as base areas. Additionally usable on, for example, flat exterior plaster surfaces, finished components and intact emulsion paints. On surfaces exposed to moisture (depending on location and construction) and on highly heat-insulated facades there is a risk of algal and fungal infestation. For such surfaces we recommend using Rausan KR Fine Render in Protect quality (for further information, refer to Notes).

### Properties

- Ready for application
- For exterior use
- Quartz-filled
- Without texture grain
- Extremely durable
- Shock-proof
- Non-saponifiable
- Diffusible
- Provides impact rain protection on facade surfaces for all load groups according to DIN 4108, Part 3
- Certified as a top coat in the Brillux ETIC system
- Optionally available in Protect quality (film protection against an algal and fungal infestation of the coating)
- Easy to apply

### Material description

<b>Color shade</b>	0095 white Light color shades can be mixed with the Brillux Color System. Additional color shades available upon request.
<b>Grain structure</b>	Approx. 1.0 mm
<b>Base material</b>	Vinyl acetate-ethylene-copolymer dispersion with natural mineral additives.

## Material description

<b>Density</b>	Approx. 1.8–1.9 g/cm <sup>3</sup>
<b>Layer thickness</b>	Approx. 1 mm
<b>Packaging</b>	0095 white: 25 kg Color System: 25 kg

## Use

<b>Thinning</b>	If necessary, dilute slightly with water.
<b>Tinting</b>	Up to max. 2% with Full Color and Tinting Paint 951.
<b>Compatibility</b>	Can only be mixed with materials of the same type and those specified in this data sheet.
<b>Application</b>	Stir Rausan KR Fine Render 3530 well prior to use with a powerful agitator (at minimum 900 watts) and right-hand spiraled stirring rod (plaster stirring rod). Apply the render with a stainless steel smoothing trowel in uniform layer thicknesses and abrade with the Plastic Trowel 3791. Apply the render wet in wet to avoid visible lap marks. For this purpose, we recommend using a sufficient number of workers particularly for larger areas. When creating niches, mask carefully and avoid overlaps with the adjacent coating.
<b>Consumption</b>	Approx. 1.8 kg/m <sup>2</sup> on smooth substrates with a layer thickness of approx. 1.0 mm Depending on the chosen reinforcement plaster, a two-coat application is required when implementing flame-retardant ETIC Systems to achieve the necessary total layer thickness of 4 mm (reinforcement layer and finishing render). Determine exact consumption by means of a test application on the object to be coated.
<b>Application temperature</b>	Do not apply if the air and object temperature is below +5°C or higher than +30°C. These temperature limits must be complied with even during the curing time. At low temperatures, from +1°C to max. +15°C and high relative humidity (min. 75% to max. 95%), we recommend the use of TempTec 3505. The specifications included in the 3505 data sheet must be adhered to.
<b>Tool cleaning</b>	Clean tools immediately after use with water.

## Drying (+20°C, 65% relative humidity)

Cured and recoatable after approx. 2–3 days. Allow longer drying times at lower temperatures and/or higher air humidity.

## Storage

Store in a cool and frost-free place. Reseal opened containers tightly.

## Declaration

<b>Note</b>	Contains preservatives.
<b>Product code</b>	BSW50 Comply with the specifications in the current safety data sheet.

**Substrate preparation**

The substrate must be level, solid, dry, clean, load-bearing and free from efflorescence, sintered layers, separating agents, corrosion-promoting components or other intermediate layers affecting adhesion. Dampening of the render, e.g. through joints, cracks, etc. must be prevented. Check existing coatings for their suitability, load-bearing capacity, and adhesive properties. Thoroughly remove defective and unsuitable coatings and dispose of them in accordance with the applicable regulations. Clean surfaces infested with fungi and algae thoroughly and then treat them with Universal Disinfectant 542\*. (\* Use biocide products with care. Always read the label and product information before use.) Treat replastered areas with a fluorine primer. Coat reinforcement layers after the curing and drying time (at least 3 days at +20°C, 65% relative humidity). Apply a prime and/or intermediate coat to the substrate as required. See also VOB Part C, DIN 18363, Section 3.

**Organic coating with Rausan KR Fine Render 3530**

Substrates	Prime coat	Intermediate coat <sup>1)</sup>	Top coat <sup>2)</sup>
Reinforcement layers, e.g. in the Brillux ETICS systems <sup>3)</sup>		Render Primer 3710	1–2x Rausan KR Fine Render 3530
Normal and low-absorbent substrates, e.g., exterior plaster (depending on compressive strength <sup>4)</sup> ), intact emulsion coatings			
Highly-absorbent substrates, e.g., exterior plaster, chalking emulsion coatings, concrete	Depending on the individual requirements Lacryl Deep Penetrating Primer ELF 595 or Deep Penetrating Primer 545		

- 1) The intermediate coat with Render Primer 3710 is not required for white top coats on Qjusion Organic 3712, Qjusion Organic SK 3726 or Qjusion Hybrid, two-component.
- 2) For colored top coats, use Render Primer 3710 tinted in accordance with the color of render and observe the “ETICS colored coating” note.
- 3) For reinforcement with Qjusion Organic 3712 or Qjusion Organic SK 3726 that is tinted based on the color of render, the intermediate coat with Render Primer 3710 can be skipped.
- 4) Minimum compressive strength > 2.0 N/mm<sup>2</sup> (compressive strength category CS II, CS III)

## Notes

- Larger areas require two layers** For larger contiguous surfaces, we recommend applying two layers of the fine render and allowing at least a day for drying.
- Contiguous surfaces** On contiguous areas only use materials of the same production batch or mix the required quantity of materials.
- New mineral substrates** Allow new mineral substrates, particularly plaster surfaces, to cure and dry properly (at least 14 days, or ideally 4 weeks) before coating them. Depending on the weather and time of year, the drying process may take even longer.
- Colored coats in ETICS** Colored top coats in the ETIC System with a light reflective value of  $\geq 20$  can be created without restrictions. Color shades with a light reflective value of  $< 20$  can be created with the Brillux SolReflex system. Follow the instructions in the "Evocryl 200" data sheet and the "SolReflex 5tsr" information sheet.
- Protect quality** Rausan comes from the factory with preservatives and should therefore only be used outdoors. The preservatives used and, in particular, the quality marked Protect minimize or delay the risk of algal and fungal infestation. If additional, preventive protection is desired, we recommend applying an additional second coat, for example with Evocryl 200 in Protect quality. With the current state of the art technical development, a permanent protection against algal and fungal infestation cannot be guaranteed.
- Protection of the coat** During application, drying, and curing, the surfaces are to be protected from direct exposure to sunlight, strong wind, and moisture, e.g., with tarpaulins.
- Horizontal surfaces** Do not use render coatings on horizontal surfaces. Projecting structural components, e.g. window sills, moldings, crests of walls must be covered properly to prevent dirt stains and moisture penetration.
- Further information** Follow the instructions in the data sheets of the products used.

## Remark

This data sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this data sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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