

# Technical Data Sheet

Rhenocryl DL 90 Futur Nano

Art. No.: see below



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Rhenocryl DL 90 Futur Nano, (approx. RAL9016), top coat , white  
Rhenocryl DL 90 Futur Nano, colors, RAL + Metallic colors according to RAL  
Rhenocryl DL 90 Futur, Basisfarbe A, B1, C, Base paint for self-tinting

Rhenocoll Aqua-Premium industrial product

Art.-Nr.: A 3364 (white)

Art.-Nr.: A 3430 (Colors: Base A), 3431 (Colors: Base B1), 3432 (Colors: Base C)

Art.-Nr.: A 3433 (Metallic)

Art.-Nr.: A 3435 (Base A), 3436 (Base B1), 3437 (Base C)

**Specifications:** Intermediate- and final treatment resulting in a special easy-to-clean surface, water-based, based on Hybrid (Acrylic Polyurethane), for wood in exterior areas, building components, windows and doors. Top coat. Ecologically friendly. Odor-neutral. Reduces moisture fluctuations. Excellent weather resistance, very high elasticity against embrittlement, equipped with double UV protection and protection against damage, permeable, long-term moisture proofing.

**Application:** Spraying. For professional use.

**Feature:** In-can preservation

**Color:**

- White, opaque, approx. RAL 9016
- Colors, opaque, RAL (see RAL color chart and NCS-S color chart)
- Base paint A, B1, C, self-tinting to achieve opaque colors

**Gloss degree:** Silky-gloss (regular)

**Subsurface:** All soft- and hardwood

**Pretreatment:** Impregnation, primer and intermediate coating

**Further processing:** none

**Consumption:** approx. 300 ml/m<sup>2</sup>

**VOC 2010:** Cat. D / Base Wb / max value 130g/L / IST value 32 g/l

**Processing instructions:**

Processing consistency:	undiluted
Processing:	Airmix-spray (0.28-0.33 mm nozzle, pistol filter 100-180 meshes)
Viscosity:	2000 – 4100 mPas
Strength of coating:	max. 300 µ wet coat
Thinning:	water
Cleaning of the tools:	water or thinner 140/1400
Machine cleaning:	flush with water, before longer breaks (weekend) clean with water and afterwards with Phasenumwandler VP 724.
Processing temperature:	not below 8°C (material and room temperature)

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Drying at normal climate:	20°C, 65-75% relative humidity depending on coat thickness, dust-dry after about 30 minutes, touch proof after about 1 hour, further processing steps possible after 2-4 hours.
Weather resistance:	DL 90 Futur Nano is recommended for exterior use
Sealing profile:	Use acrylic compatible sealings
Wood moisture:	Maximum allowed wood moisture in soft wood max. 15%, in hard wood max. 12%.
Storage:	Cool and frost-free. Can be stored in original container for one year.
General hint:	Stir before use and after longer breaks, do not mix with solvent-containing products. Do not mix with other water-based products.
Damage repair:	Small defects in paint work caused by transport or assembly, can be fixed with Rhenocryl DL 90 Futur Nano and Rhenoliquid (10 % Rhenoliquid mixed with Rhenocryl DL 90 Futur Nano)
Flash point:	none

## Coating systems:

For wooden windows and exterior doors out of soft and hardwood.

Preparation:

Dust wooden parts thoroughly. Wash resinous and sticky surfaces with universal thinner.

In order to avoid problems with blocking glass batten must not remain in the frame.

Coating systems according to the chart "Coating systems for windows and exterior doors" published by the German Institute for Window Technology e.V. (IFT), edition 5.83.

## Labeling:

no labeling required

## Safety advice:

During processing, common protection measures and regulations according to the authorized trade association must be observed. Safety-relevant data and instructions regarding disposal can be found in the safety data sheet.

## Supply units:

White: 5 l pail, 20 l pail

RAL-color: 1 l tin, 5 l pail, 20 l pail

## Service:

Our service team for application technology is available to you at any time without obligation.

**Phone:** ++49 (0)6384 99 38 - 0

**Fax:** ++49 (0)6384 99 38 - 112

**Email:** [info@rhenocoll.de](mailto:info@rhenocoll.de)

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