

# Technical Data Sheet

Rhenocryl FK47

Art. No.: A 3215



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**Rhenocryl FK 47, Festkörpergrund, intermediate coat.**  
**Rhenocryl FK 47, Basisfarbe Natur, base for self tinting.**

Rhenocoll Aqua-Klassik industrial product

Art. No.: A 3215

Art. No.: A 3216 (special colors)

Art. No.: A 3221 (base paint, natural color)

**Specifications:** Intermediate coat for dimensionally stable elements, windows and doors, based on polymers, water-based. Film-forming and filling. Can also be used as an open-pored top-coat for exterior timber, such as balconies, façade claddings, paneling. Thin-layered glaze. Allows moisture regulation inside the wood. High UV protection thanks to its pigmentation. Eco-friendly. Of neutral odour. Reduces moisture fluctuations. Leveling effect. Easy to grind.

**Application:** Processing by dipping, flooding, brushing or coating machine. Use only rust-proof dipping containers. For professional use.

**Features:** In-can preservation.

### Supply form/color:

- Translucent wood colors, refer to the following color chart:
  - Chart no. 12 – Industrie-Collection- Rhenocryl.
  - Wall chart, Rhenocoll Lacquers Colour Collection.
  - Display, Rhenocryl Colour chart
- Basisfarbe Natur, for self-tinting, translucent wood colors.

**Substrate:** All soft and hardwood.

**Further processing:** Film-forming lacquers (water-based), top coats and special coating systems, such as the Rhenocoll Klassik coating system for building elements, for an opaque or translucent top coat.

### Consumption:

50 – 80 ml/m<sup>2</sup>, depending on absorption capacity of the wood

### VOC 2010:

Cat. E / base wb / max value 130 g/l / actual value 13 g/l

### Processing instructions:

- Processing: undiluted
- Viscosity: 10-11 sec (flow cup 4 mm)
- Thinning: with water
- Cleaning of the tools: with water or universal thinner
- Cleaning of the machine: flush with water; before longer breaks (weekend) clean also with Phasenumwandler VP 724 (phase changer).
- Processing temperature: not below 8°C (material and room temperature)
- Drying at normal climate: 20°C, 65-75% relative humidity depending on layer thickness, can be sanded after 30-120 min, further processing steps after 4 hours possible.

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Weather resistance:	Rhenocryl FK 47 <u>colorless</u> is not recommended as a single coating for exterior timber.
Wood moisture:	Soft wood max. 25%, hard wood max. 20%.
Storage:	Cool and frost-free. Can be stored in original container for one year.
General:	Stir before use and after longer breaks; do not mix with solvent-based products.
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:

- 5 l canister
- 25 l canister
- 150 l barrel

## 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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With the release of this Technical Data Sheet all previous versions become obsolete.