

Technical Data Sheet

Rhenocryl IL 48 L

Art.No.: A 3337



Version: 2012/08, page 1 of 2

Rhenocryl IL 48 L, insulating coating, white opaque

Rhenocryl IL 48 L, insulating coating, colorless

Rhenocoll Aqua-Klassik industrial product.

Art. No.: A 3337

Specifications: Intermediate coating with special insulating properties against a bleeding through of the ingredients contained within the wood; water-based; based on special resins; for wood in exterior areas, building elements, windows and doors. Very high layering building ability due to especially high solids content. Ecologically friendly. Of neutral odor. Reduces moisture fluctuations. Easy sanding properties due to a high solids content.

Application: by spraying or by brush. For professional use.

Equipment: In-can preservation.

Supply form/color:

- White, opaque
- colorless

Substrate: All soft and hard wood.

Pre-treatment: Impregnation or primer.

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

Consumption: In order to obtain a sealing coat up to 200 ml/m² are necessary (depending on the type of wood).

VOC directives 2010:

Cat. D / base wb / max value 130g/l / actual value 45 g/l

Processing instructions:

- Processing: undiluted
Airmix spraying system (0.28-0.33 mm nozzle, pistol filter 100-180 meshes)
- Viscosity: 2500 – 3000 mPas
- Layer strengths: max. 200 µ wet film
- Thinning: with water
- Cleaning of the tools: with water or thinner 140 / 1400.
- Cleaning of the machine: flush with water, before longer breaks (weekend) clean again with Phasenumwandler VP 724.
- Processing temperature: above 10°C (material and room temperature)
- Drying at normal climate: 20°C, 65-75% relative humidity depending on thickness of the coat, can be sanded after 2-4 hrs, with forced drying (40°C) after 1-2 hrs. Before applying further coats, leave to dry over night.

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Version: 2012/08, page 2 of 2

Setting time:	In order for the sealing effect to develop, setting times are to be observed, depending on the type of wood and wood substances. Although the coat could be sanded after 90 min, a setting time of 24 hrs would have to be observed in extreme cases.
Weather resistance:	Rhenocryl IL 48 L is not recommended as a single coating for exterior use.
Wood moisture content:	10-12%.
Storage:	Cool and frost-free. Can be stored in the original container for one year.
General:	Stir before use and after longer breaks, do not mix with solvent-based products or other water-based products.
Flash point:	none

Coating systems: For timber 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, window bars glass batten must not remain in the frame. Pre-treat raw wood with Rhenocryl TL30 (by dipping or flooding). After drying, proceed with Rhenocryl IL48 L. After drying over-night, further treatment with Rhenocryl DL90 Futur possible. 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:

750 ml tin
5 l pail
30 l hobbock
150 l barrel

Service:

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

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