



Technical data sheet

PROTECTION MADE EASY

Resoprim Aqua

Description and destination of the product

Resoprim Aqua is a waterborne, filling acrylic polyurethane primer with an excellent adherence on not bleeding wood.

Resoprim Aqua is only suitable as primer for inner applications

If the product is applied on bleeding wood, such as merbau, afzelia, cedar, and others, it is necessary to fix the bleeding with 2 layers **Resofix** (for more information: see technical data sheet **Resofix**).

The most important properties of **Resoprim Aqua** are:

- excellent adherence on untreated not bleeding wood
- excellent adherence on old (urethane) alkyd layers, after thorough sanding
- quick drying and excellent flow
- very easy to apply.

Type of binder

An acrylic polyurethane resin.

Type of pigment

Titanium dioxides, chalks and silicates.

Colour

White and colours, starting from base A, B and C.

Gloss

Low silky gloss.

Technical data

- **Density:** 1.24 (\pm 0.1) g/ml
- **Solids content:** 47 (\pm 2) % in weight
36 (\pm 2) % in volume
- **Viscosity:** 100 KU (20°C)
- **Drying times:** Dustdry : After 30 minutes
(20°C – 65% R.H.) Dry : After 2 hours
Recoatable : After minimum 4 hours
Sandable : After minimum 4 hours
- **VOC:** Max. 100 g/L
- **Theoretical yield:** 9-12 m²/L
The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

Surface preparation

On new or untreated wood: the surface must be dry, clean and pure. A slight sanding before painting with **Resoprim Aqua**, stimulates the adherence.

On bleeding wood: the surface must first be treated with 2 coats **Resofix** to fix the bleeding.

On old acrylic and (urethane) alkyd layers: remove non adhering particles, then sand well and clean before overpainting with **Resoprim Aqua**.

Use

Resoprim Aqua can be applied by brush and roller.

The product is ready for use but can be diluted with maximum 2 % *Aquathinner*.

Brush application: apply creamy with Chinex plus brush. Immediately afterwards, take away the paint equally to obtain a smooth result without sags.

Roller application: apply the paint with a Modacryl roller (4 mm, piled and 16 mm diameter) and roll with a moltopreen roller, super fine with slantwise rounding off.

Sand this product always eccentrically with a succession of abrasive paper (first P180, then P220 and end with P320).

The use of Multiloch abrasive paper gives the best results.

Remark: Resoprim Aqua can NOT be used as insulating primer on treated (non insulated) bleeding wood. For this kind of substrate we advise to apply 2 layers of an insulating solvent borne primer, such as *Zincomine*.

For a finish up with a waterborne lacquer, it is necessary to slightly sand the 2nd layer of **Zincomine** (without abrading the wood).

Clean the material with enough water.

Application conditions

The temperature must be higher than 8°C and the relative humidity must be lower than 85%.

Storage stability

Minimum 1.5 years in the original, unopened packing, stored in a dry and frost-free environment at temperatures between +5°C and +40°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.be

Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.