



Technical data sheet

PROTECTION MADE EASY

Resolaq Aqua Satin

Description and destination of the product

Resolaq Aqua Satin is a waterborne, satin gloss, acrylic polyurethane lacquer with an excellent flow, high scratch resistance and a very good UV-resistance (also a good darkness yellowing resistance).

Resolaq Aqua Satin is the ideal finishing coat on ferro, non ferro and synthetics (inside and outside). Only for inside applications, **Resolaq Aqua Satin** is a nice finishing coat on wood.

Resolaq Aqua Satin always has to be applied on an appropriate primer.

Type of binder

An acrylic polyurethane resin.

Type of pigment

Titanium dioxide, chalks and silicates.

Colour

White and colours available with the Colour Dispensing System.

Remark: white cannot be coloured as this results in a colour deviation.

Gloss

Satin gloss.

Technical data

○ Density:	1.24 (\pm 0.05) g/ml
○ Solids content:	48 (\pm 2)% in weight 38 (\pm 2) % in volume
○ Drying times: (20°C)	Dustdry : after 1 hour Dry : after 6 hours Recoatable : after minimum 8 hours Sandable : after 24 hours Fully cured : after minimum 3 days (depending on the drying circumstances)

- **VOC:** < 95 g/L
- **Theoretical yield:** ± 9 to 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 untreaded or bleeding wood: the surface must be dry, clean and pure to avoid film defects. Slightly roughening before overcoating with a suitable primer (**Resolaq Aqua Primer**) stimulates the adherence. After drying, sand slightly and eccentrically with an succession of Multiloch abrasive paper (first P180, than P220 and end with P320). After dusting thoroughly and cleaning, apply the primer **Resolaq Aqua Satin**.

On untreated bleeding wood: on wood such as afzelia, merbau, and others, the surface must first be treated with 2 layers fixing product to fix the bleeding. Don't sand after the second layer of the fixing product.

After dusting and cleaning, apply **Resolaq Aqua Satin**.

Remark: bleeding wood that has been treated with another waterborne primer must first be treated with 1 to 2 layers **Primer Resit Plus** (white / base A: dispenser colours) before finishing with **Resolaq Aqua Satin**. After drying sand the **Primer Resit Plus** slightly without abrading the surface, before applying **Resolaq Aqua Satin**.

On old acrylic and (urethane) alkyd layers: remove loose particles, than sand well (eccentrically with a succession of Multiloch abrasive paper: P180, than P220 and end with P320) and clean before repainting with the primer **Resolaq Aqua Primer**. Then sand slightly, dust and clean and apply the **Resolaq Aqua Satin**.

On ferro and non ferro surfaces: on a dry, pure and clean surface apply an appropriate primer (**Multiprimer Aqua, Aquabond Brush/Spray, Primer Resit Plus, Durozinc**) before applying **Resolaq Aqua Satin**.

On synthetics: apply an appropriate primer on a clean, pure and dry surface before applying the **Resolaq Aqua Satin**.

Use

Resolaq Aqua Satin can be applied by brush and roller.

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

Brush application: the product is ready for use. Apply the **Resolaq Aqua Satin** creamy with Chinex plus brush. Immediately afterwards, take away the paint equally to obtain a smooth result without sags.

Roller application: always dilute the **Resolaq Aqua Satin** with 2 % **Aquathinner**. Apply the paint with a Modacryl roller (4 mm piled and 16 mm diameter) and roll immediately for the first time with a moltopreen roller, super fine with slantwise rounding off. After 1 to 2 minutes, roll a second time to obtain a nice stretched paint film.

Clean the material with enough water.

Application conditions

The ambient 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 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.