



Technical data sheet

PROTECTION MADE EASY

Satilux Aqua

Description and destination of the product

Satilux Aqua 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).

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

Satilux Aqua 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 untreated or bleeding wood: the surface must be dry, clean and pure to avoid film defects. Slightly roughening before overcoating with a suitable primer (**Resoprim Aqua**) stimulates the adherence. After drying, sand slightly and eccentrically with a succession of Multiloch abrasive paper (first P180, than P220 and end with P320).

After dusting thoroughly and cleaning, apply the primer **Satilux Aqua**.

On untreated bleeding wood: on wood such as afzelia, merbau, and others, the surface must first be treated with 2 layers **Resofix** to fix the bleeding. Don't sand after the second layer **Resofix** (further information: see technical data sheet **Resofix**).

After dusting and cleaning, apply **Satilux Aqua**.

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

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 **Resoprim Aqua**. Then sand slightly, dust and clean and apply the **Satilux Aqua**.

On ferro and non ferro surfaces: on a dry, pure and clean surface apply an appropriate primer (**Aquaprim, Aquabond Brush/Spray, Zincomine, Durozin**) before applying **Satilux Aqua**.

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

Use

Satilux Aqua 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 **Satilux Aqua** creamy with Chinex plus brush. Immediately afterwards, take away the paint equally to obtain a smooth result without sags.

Roller application: always dilute the **Satilux Aqua** 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.