



Technical data sheet

PROTECTION MADE EASY

Aqualaq Mat/Satin

Description and destination of the product

3-in-1 water-based wood paint, micro-porous, based on 100% self-crosslinking (XL) acrylic dispersion, PUR reinforced, for painting new and already treated wood. Hard-elastic, suitable for dimensionally stable and limited dimensionally stable woodwork, both indoors and outdoors, is characterised by its long open time and excellent flow.

The product is available in two different glosses:

- **Aqualaq Mat**
- **Aqualaq Satin**

Properties:

- Long open time
- Excellent flow
- 3-in-1 (can be used for standard paintwork without primer)
- High viscosity
- Excellent outdoor durability
- Good mechanical and chemical resistance
- Fast blocking resistance
- Fast water resistance
- Moisture regulating
- Adhesion to old alkyd layers

Type of binder

Self-crosslinking Acrylate Dispersion, PUR reinforced.

Colour

White and all colours starting from base A, B and C with the colour dispenser for building paints.

Gloss

Satin: 30-40 Gardner 60°.

Matt: 15-20 Gardner 60°.

Technical data

- **Density:** 1.23 ($\pm$ 0.05) g/cm³
- **Solids content:** 36 ($\pm$ 2) % by volume
48 ($\pm$ 2) % by weight
- **Drying times:** dust-free: 1 h
Can be painted over: after 4 to 8 hours depending on temperature and Humidity.
- **VOC:** < 34 g/L
- **Theoretical yield:** $\pm$ 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

Suitable for applying a topcoat to dimensionally stable and limited dimensionally stable woodwork, inside and outside. For bleeding woods, the use of a suitable primer is recommended.

- Untreated wood: sand smooth with grain P150–P180.
- Bleeding woods (merbau, afzelia, oak, etc.): preferably apply suitable primer such as **Primer Resit Plus**.
- Old acrylic and (urethane) alkyd layers: remove non-adherent parts. Sand with grain P180–P220.
- Weathered, grey wood: coarse sanding to sound wood (P60–P80), then with grain P150–P180. For the smoothest result before applying the last coat, sand lightly with grain P320. After appropriate preparation and primer, applicable on metals and plastics.

Use

Ready for use - the product should not be diluted.

Depending on the application, apply 2 to 3 layers and, where necessary, intermediate sanding.

Brush application: apply with a Chinex brush and wipe off evenly.

Roller application: with a felt paint roller (e.g. Anza Elite felt roller white).

Clean the equipment with water.

Application conditions

Application temperature: $\geq$ 8°C.

Humidity: $\leq$ 85%.

These minimum conditions should be maintained during drying and film forming for the following 48 hours.

Storage stability

Minimum 18 months in original, unopened packaging, stored in a dry, frost-free place.

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.com

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.