

## Technical data sheet

# AQUALUX STRONG

*primer – topcoat for wood*



### Description

Waterborne top coat based on acrylic resin for the protection and decoration of wooden surfaces with excellent covering power, with active substance for film protection against mould, yeast and algae and natural aging of wood.

### Typical use

For interior and exterior use on wooden surfaces that will be subjected to a greater impact of moisture. It is used to paint new, previously painted or already treated wooden surfaces with fungicidal agents and wooden surfaces darkened over time, as well as for lightening dark shades of coatings.

### Product range



It is produced in white colour and by using tinting system *Top Mix*, it is possible to achieve wide range of shades from the Chromos-Svjetlost colour chart and many others on the market.

### Gloss

matte

### Density

1.22 – 1.26 kg/l (EN ISO 2811-1)

### Thinning

Water

### Non-volatile-matter content

**by weight:** 48 – 52 %, depending on the shade (EN ISO 3251)

### Volatile organic compounds content

VOC: A(d) 130 g/l; max. 20 g/l (EN ISO 11890-1)

### Surface preparation

The substrate must be completely dry, light sanding, clean, free of loose parts, dust and other foreign bodies. Old coatings should be pre-grinded with abrasive paper and mechanically removed. It is recommended to apply *ULTRA IMPREGNA* before Aqualux strong if additional insecticidal protection is desired. Before applying Aqualux strong at exterior use *ULTRA IMPREGNA* must be applied and the substrate must be lightly sanded and dusted. If Aqualux strong is applied to tannin contain wood, it is recommended to apply two layers of *Aqualux wood primer* before Aqualux strong to prevent breaking out of tannin.

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### Safety measures

Read the product safety data sheet before use.

Keep out of reach of children. Prevent discharge and spills in the water, and drainage systems. Wear protective equipment.

### Material preparation

Before use, mix the material in the original packaging.

Different production batches must be equalized before use.

### Application

It is recommended to apply the product on a dry wood (maximum wood moisture 10 %) due to better absorption in the wooden structure. The material is applied in 2 layers with brush, roller or by spray with water diluting if it is necessary. Water protection is mandatory for a minimum of 2 days after the application. Wet cleaning can be apply 2 weeks after application. Use system with *AQUALUX SHIELD TOP* coating for higher loads surface. Due to the effect of the dilution on the shade mixture, white shade of the product can be dilute up to a maximum of 15 %, and the tinted Aqualux strong up to a maximum of 5 %.

Wash the tool immediately after working.

For any additional info, please contact a Chromos-Svjetlost technical advisor.

### Working conditions

**air temperature:** min. +10 °C

**relative humidity:** max. 75 %

**substrate temperature:** min. +10 °C

### Spreading rate and film thickness

10 – 12 m<sup>2</sup>/l in one layer, depending on the method of application and the thickness of the coating.

### Drying time

surface temperature [°C]	touch dry [h]	through dry [h]	overcoating interval	
			min. [h]	max. [d]
20	0,5	8-10	4	—*

\* The maximum overcoating interval is unlimited when the surface before application shows no signs of chalking or any other contamination. Otherwise it is necessary to clean the surface in order to enable suitable adhesion of subsequent coat.

### Shelf life

3 years in an original, unopened packaging

### Transport and storage

Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 °C to +25 ° C. Protect from freezing during winter.

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### Product and packaging disposal

Empty the packaging completely and hand over to the recycling yard. Dispose of in accordance with valid regulations to an authorized waste collector.

### Quality control

Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under constant supervision of factory quality control and a corresponding certificate can be issued upon request.

### Disclaimers

Technical values refer to basic products. Tinting the product may cause minor deviations in certain technical characteristics. Depending on the properties of the substrate and the method of application of the product, minor deviations in shade in relation to the tone chart are possible. The product shade should be checked on a small test surface before use, as we will not be able to accept any subsequent complaints.

Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise any subsequent complaints will not be accepted.

Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with CHROMOS- SVJETLOST products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website [www.chromos-svjetlost.hr](http://www.chromos-svjetlost.hr) or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Be sure to read the safety labels on the product packaging before use. Safety Data Sheet is available on request.

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Quality and Environmental management systems certified in accordance with TÜV Nord;

Certificate No: 44 100 134668 / 44 104 134668