

Technical Data Sheet

AQUALUX STRONG

Primer – topcoat for wood



product 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.

area of application: 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.

properties: The product is:
Ecologically acceptable
Non-toxic
Non-flammable
Good coverage

thinner: Water

coating appearance: Matte

coverage: 10 – 12 m²/l in 1 layer, depending on the method of application and the thickness of the coating.

density: 1.22 – 1.26 kg/l (EN ISO 2811-1)

supplying viscosity: 2400 – 2800 mPa·s (EN ISO 2555; 20 °C)

non-volatile-matter content: 48 – 52 %, depending on the shade (EN ISO 3251)

volatile organic compound (VOC) content: A(d), 130 g/l; max. 20 g/l (EN ISO 11890-1)

working conditions: The temperature of the air, material and substrate during processing must be higher than +10 °C, less than +25 °C, and relative humidity less than 75 %.

substrate 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. Untreated surfaces must be protecting with 1-2 layers of the AQUALUX LAZUR BASE whose film with a biocidal active substance is protected from mould, fungi and algae. If Aqualux strong is applied to tannin contain wood, it is recommended to apply one layer of Aqualux wood primer before Aqualux strong to prevent breaking out of tannin.

application: Stir the material in the original packaging before use. 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 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. Wash the tool immediately after working. If necessary, dilute the white shade product up to a maximum of 15%, and the tinted Aqualux strong up to a maximum of 5% due to the effect of the dilution on the shade.

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

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| drying time: | Touch dry: 0.5 h / 20 °C, with 65 % relative humidity and good ventilation; Completely dry: 8 – 10 h. |
| overcoating interval: | 4 h at 20 – 23 °C, with 65 % relative humidity and good ventilation. |
| transport and storage conditions: | Store in a dry and well-ventilated place out of direct sunlight at a temperature between +5 °C and 25 °C. Protect from freezing during winter. |
| shelf life: | In closed packaging 36 months from the date of manufacture. |
| notes: | The product is non-flammable! KEEP FROM FREEZING! |
| product/packaging disposal: | Empty the packaging completely. 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 the constant supervision of factory quality control Chromos-Svjetlost d.o.o. |
| disclaimers: | <p>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.</p> <p>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.</p> <p>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 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.</p> |

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