

Technical Data Sheet

AQUALUX TOPCOAT

Water-based topcoat for wood and metal



product description:	AQUALUX TOPCOAT is a finish coating for wood and metal based on high-quality water-soluble acrylic resin, light-fast pigments, additives and water.
field of application:	Finishing coating for protection of metal and wooden surfaces.
product range:	A wide range of shades can be obtained by applying the Top Mix system for machine tinting CHROMOS-LIGHT.
properties:	The product is: Ecologically acceptable Non-toxic Non-flammable Weather resistant
thinner:	Water (15 – 20 %)
coating appearance	Silky shiny
coverage:	8 - 10 m ² /l of surface in 1 layer, depending on the method of application and the thickness of the coating.
density:	1.05 – 1.25 kg/l (EN ISO 2811-1)
supplying viscosity:	35 – 70 s (DIN 6, 20 °C) (EN ISO 2431)
non-volatile-matter content:	30 – 50 % by weight, 28 – 40 % by volume (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 %.
previous coatings:	AQUALUX primer for wood AQUALUX primer for metal
material preparation:	Before use, the topcoat should be mixed well! For optimal protection, the surface must be dry and free of dirt by sanding or detergent. For protection of wood before applying AQUALUX topcoat, it is recommended to apply AQUALUX primer for wood, and for protection of metal it is mandatory to apply AQUALUX primer for metal.
application:	AQUALUX TOPCOAT is applied with a brush, spray or roller, diluted with water in 2-3 layers. Compatibility with existing or other coatings other than those listed must first be checked on a smaller surface. For any additional info, please contact a Chromos-Svjetlost technical advisor.
drying time:	Touch dry: 1 – 2 h / 20 °C, with 65 % relative humidity and good ventilation; Completely dry: 5 h.
overcoating interval:	Minimum: 2 - 3 h / 20 °C, with 65 % relative humidity and good ventilation.
storage conditions:	Store in a dry and well-ventilated place out of direct sunlight at a temperature between +5 °C and 25 °C.
product/packaging disposal:	Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector.
shelf life:	In closed packaging 60 months from the date of manufacture.

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	<p>notes: The product is non-flammable! KEEP FROM FREEZING! Shake the product well before use!</p>
	<p>certificates: For each production batch, the relevant documentation is submitted.</p>
	<p>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.</p>
	<p>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.</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> <p style="text-align: right;">October, 2021. Quality and Environmental management systems certified in accordance with TÜV NORD Croatia; Certificate No: 44 100 134668 / 44 104 134668</p> 