

## Technical data sheet

# AQUAMAESTRO 2K PU PARQUET TOPCOAT– GLOSSY

*Two-part polyurethane water-based topcoat*



<b>product description:</b>	AQUAMAESTRO 2K PU PARQUET TOPCOAT– GLOSSY is a two-part polyurethane water-based colourless topcoat for protection and decoration of parquet and other types of wooden surfaces.
<b>area of application:</b>	It is used for protection and decoration of parquet, furniture and other wooden surfaces.
<b>product range:</b>	AQUAMAESTRO 2K PU parquet topcoat glossy
<b>product characteristics:</b>	The product is: Environmentally friendly Non-toxic Non-flammable Resistant to wear and mild chemicals Characterized by good firmness
<b>thinner:</b>	Dilution is not required!
<b>coating appearance:</b>	Characterized by film fullness and gloss percentage 85 – 95 %.
<b>Contact mixing ratio:</b>	10:1
<b>coverage:</b>	3,0 m <sup>2</sup> /l for 3 layers depending on the application and coating thickness (0,1 l/m <sup>2</sup> in one layer)
<b>density:</b>	1.04 kg/l (HRN EN ISO 2811-1:2016)
<b>viscosity:</b>	14 – 15·s (by HRN EN ISO 2431:2019, DIN 4 at 20 °C)
<b>non-volatile compounds content:</b>	48% (HRN EN ISO 3251: 2019)
<b>volatile organic compounds content (VOC):</b>	(VOC): A(j), 140 g/l; max. 139 g/l (HRN EN ISO 11890-1:2008)
<b>work conditions:</b>	Air, material and substrate temperature must be higher than +10 °C and lower than +25 °C, while the relative air humidity must be lower than 75 %.
<b>Preparation of the substrate:</b>	The substrate needs to be prepared before applying the topcoat. The substrate (parquet) must be dry, degreased, cleaned from impurities and sanded (with sandpaper grit. 150). Thoroughly remove all dust after sanding.
<b>material application:</b>	Stir the material well in original package before use. In a clean and dry plastic container, mix topcoat and contact in a volume ratio of 10:1 (AQUAMAESTRO 2K PU PARQUET TOPCOAT UNI: CONTACT FOR AQUAMAESTRO 2K PU TOPCOAT MATTE) The mixture must be well homogenized and must rest for 15 minutes and then mixed again and, if necessary, strained before applying to parquet. Work time of the mixture is 4 - 6 hours (depending on the temperature). Apply the mixture with a brush or special roller in 3 layers (recoating interval 4 hours) on a dry, sanded and dusted parquet. Sanding between coatings must be done with a sandpaper grit.240 -320. The room can be used 24 -48 hours after applying the last layer, and the tool must be washed with water immediately after use. The packaging with the remaining topcoat must be immediately closed well after use due to the instability of the contact exposed to moisture from the air. Impregnation as basecoat and/or MAESTRO gel as interlayer before the final layer of AQUAMAESTRO ACRYLIC BASECOAT PARQUET TOPCOAT may be used to accelerate the process of parquet surface protection and to give a more beautiful appearance.

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	In case of any questions, contact the sales and technical advisor of Chromos-Svjetlost.
<b>drying of the coating:</b>	dry to the touch: 30 minutes for the dust of sanding: 3-4 hours completely dry: 48 hours
<b>recoat interval:</b>	3 -4 hours, in optimal work conditions at 18-22°C and 40-75% relative air humidity The temperature of the room must not be lower than 12 °C.
<b>application systems:</b>	<i>I.</i> Aquamaestro acrylic basecoat (1x) <i>II.</i> Aquamaestro 2K PU parquet topcoat (2-3x) <i>III.</i> Aquamaestro 2K PU parquet topcoat (3x)
<b>transport and storage:</b>	Store in dry and aired areas away from direct sunlight at temperatures ranging from +5 +25 °C. Do not expose the product to direct sunlight, in winter protect from freezing.
<b>shelf life:</b>	In closed packaging 24 months from the date of manufacture.
<b>remarks:</b>	The product is non-flammable! Keep the product from freezing!
<b>disposal of leftover product and packaging:</b>	Empty the packaging of its contents completely. Dispose of it at a recycling yard. Legal persons must deliver the packaging as packaging waste to a licenced waste collector.
<b>quality control:</b>	Product quality characteristics are determined by internal production specifications as well as European and Croatian standards The product is under constant supervision of the factory quality control of Chromos-Svjetlost d.o.o.
<b>general remarks:</b>	The technical data are the result of our technical knowledge and experience, and are provided with the intention of achieving optimal results when working with CHROMOS- SVJETLOST products. The data do not contain any legal or secondary obligation on the part of the manufacturer nor do they release the customer from the obligation to verify the suitability of the product for a specific purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible during individual deliveries. When applying the product on substrates that are not specified in corresponding documentation, consult the manufacturer. The manufacturer reserves the right to make further changes to the technical data sheet. Only the latest version is valid. Updated technical data sheets are available at <a href="http://www.chromos-svjetlost.hr">www.chromos-svjetlost.hr</a> or can be requested from the manufacturer via the contact e-mail listed below. For more detailed information, please contact our technical service. Before use, read the safety labels on the product packaging, while the Technical and Safety Sheets are available on request.
October, 2021	Quality and environmental protection management system certified by TUV Croatia; Certificate numbers: 44 100 134668 / 44 104 134668

