

Technical data sheet

AQUAMAESTRO 1K LACQUER FOR PARQUET - SEMI-MATTE

Single-component, polyurethane, water-based lacquer



product description:	AQUAMAESTRO1K PU LACQUER FOR PARQUET - SEMI-MATTE is a single-component, polyurethane, water-based, colourless lacquer for the protection and decoration of parquet and other indoor wood surfaces under medium to high load when the aim is an appearance of reduced gloss. It is characterized by durability and resistance to wear.
area of application:	It is used for protection and decoration of parquet, furniture and other wooden surfaces.
product range:	AQUAMAESTRO 1K PU lacquer for parquet semi-matte
product characteristics:	The product is: Environmentally friendly Non-toxic Non-flammable Resistant to wear, characterized by good hardness with gloss percentage 40-70 % Resistant to mild chemicals.
thinner:	Dilution is not required!
coating appearance:	Characterized by reduced gloss and film fullness.
coverage:	3 m ² /l for three layers (0,3 l/m ²)
density:	1.03 kg/l (HRN EN ISO 2811-1:2016)
viscosity:	25 - 30 s (HRN EN ISO 2431:2019, DIN 4 at 20 °C)
non-volatile compounds content:	45% (HRN EN ISO 3251: 2019)
volatile organic compounds content (VOC):	(VOC): A(d) 140 g/l; max. 120 g/l (HRN EN ISO 11890-1:2008)
work conditions:	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 %.
Preparation of the substrate:	The substrate needs to be prepared before applying the lacquer. The substrate must be dry, degreased, cleaned from impurities and sanded (with sandpaper grit. 150). Thoroughly remove all dust after sanding.
product application:	Mix the lacquer well prior to use! Apply the mixture with a brush or special roller in 3 layers (recoating interval 4 hours) on a dry, sanded and dusted parquet. The lacquer may be applied directly on the parquet as first layer or on the Aquamaestro acrylic basecoat. Sanding between coatings must be done with a sandpaper grit.320 or finer. The room can be used 24 -48 hours after applying the last layer, and the tool must be washed with water immediately after use. Close the package with the remaining lacquer immediately after partial use. In case of any questions, contact the sales and technical advisor of Chromos-Svjetlost.
drying of the coating:	dry to the touch: 30 minutes for sanding: 3 -10 h

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	completely dry: 48 h
recoat interval:	3-4 hours, in optimal work conditions at 18-22°C and 40-75% relative air humidity 40-75%. The temperature of the room must not be lower than 12 °C.
application systems:	<p><i>I.</i> Aquamaestro acrylic basecoat (1x) Aquamaestro 1K PU lacquer for parquet (2x3)</p> <p><i>II.</i> Aquamaestro 1K PU lacquer for parquet (3 - 4x)</p>
storage:	Store in dry and ventilated areas away from direct sunlight at temperatures ranging from +5 °C to +25 °C.
disposal of leftover product and packaging:	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.
shelf life:	In closed packaging 24 months from the date of manufacture.
remarks:	The product is non-flammable! Keep the product from freezing!
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 the factory quality control of Chromos-Svjetlost d.o.o.
general remarks:	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 www.chromos-svjetlost.hr 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.
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