

Technical Data Sheet

AQUAMAESTRO 2C PU PARQUET LACQUER



Description

AQUAMAESTRO 2C PU PARQUET LACQUER is two-component polyurethane water-based colourless lacquer for protection and decoration of parquet and other wood flooring. It is characterized by resistance to abrasion and mild chemicals.

Typical use

Protection and decoration of parquet and other wood flooring.

Product range

AQUAMAESTRO 2C PU PARQUET LACQUER glossy / AQUAMAESTRO 2K PU PARQUET LACQUER semi-matte / AQUAMAESTRO 2K PU PARQUET LACQUER matte

Coating appearance

glossy, semimatte, matte

Density

1.03 kg/l (EN ISO 2811-1)

Thinning

Lacquer should not be diluted!

Non-volatile-matter content

by weight: 45 % (EN ISO 3251)

Volatile organic compounds content

VOC: A(j), 140 g/l; max. 139 g/l (EN ISO 11890-1)

Application systems

I.	AQUAMAESTRO basic acrylic parquet lacquer	1x
	AQUAMAESTRO 2C PU parquet lacquer	2 – 3x
II.	AQUAMAESTRO 2C PU parquet lacquer	3x

Substrate preparation

Before applying the parquet lacquer the surface should be well prepared. Substrate (parquet) should be dry, cleaned from grease, impurities and sanded (finish sandpaper no.150). After sanding, all dust must be thoroughly removed.

Safety measures

Read the Safety Data Sheet before use. Prevent leakage and spillage into watercourses and drainage systems. Wear

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appropriate protective equipment when using. Keep out of reach of children.

Material preparation

The coating components are supplied separately, each in its own packaging. Before use, they must always be mixed in the specified ratio.

Volume ratio: base : hardener = 10 : 1 (Aquamaestro 2K PU parquet lacquer UNI : Hardener for Aquamaestro 2K PU parquet lacquer glossy/semi-matte/matte).

The mixed coating should be left to stand for a few minutes before application to allow the curing reaction to start, and then it must be used within the specified pot life.

Stir well before use!

Different production batches must be equalized before use.

Pot life

6 h at 20 °C

Higher temperatures shorten and lower temperatures lengthen the pot life. Once it expires, the coating is no longer usable even though it may still be liquid.

During the first 24 h of hardening the applied material should be protected from humidity so as not to weaken its adhesion onto the substrate or otherwise degrade its final look.

Application

Apply the mixture using a brush or a special short-haired roller onto a dry, sanded, and dust-free surface. Intermediate sanding is performed using sandpaper no. 240–320. The room where the varnish has been applied to the parquet floor can be used 24–48 hours after applying the final coat, and tools should be washed with water immediately after use.

Containers with remaining varnish after partial use should be closed immediately due to the sensitivity of the hardener (contact) to moisture in the air. If a significantly faster surface protection process and improved appearance of the parquet are desired, *Aquamaestro primer* is used.

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

Working conditions

air temperature: min. 10 °C > T < 25 °C

relative humidity: < 75 %

substrate temperature: 10 °C > T < 25 °C

Coverage

10 m²/L per coat (0.1 L/m²)

Drying time

surface temperature [°C]	touch dry [min]	through dry [h]	overcoating interval	
			min. [h]	max. [d]
20	30	3 – 4	48	3 – 4

Shelf life

2 years from production date in unopened package

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Transport and storage

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.

Product and packaging disposal

Empty the packaging completely. Dispose of in accordance with valid regulations.

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

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 or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Read the safety labels on the product packaging before use. Safety Data Sheet is available on request via e-mail: msds@chromos-svjetlost.hr.

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