

2K PU PARQUET LACQUER FOR SPORT HALLS MATT

Chromoden®



TYPE OF PRODUCT

Two-component polyurethane anti slippery color less matt/flat lacquer with special components.

APPLICATION AREA

Used for high-quality lacquering of parquetry in sport halls and other wood surfaces to achieve an anti-slippery effect.

Chromos offers a complete system of long-lasting protection on wood flooring in sport halls. Since the sport floor is classified as high-heavy traffic area where during the day held various training sessions of gymnastics, basketball, handball, volleyball, and are not excluded either dance courses and competitions, quality of surface protection must be on a very high level.

The Chromoden 2K PU PARQUET LACQUER MATT for sports halls is a product that meets the DIN 18032 or HRN EN 14904 I EN 13036-4 standards.

FEATURES

- anti-slippery effect
- excellent durability and abrasion resistant
- tough, hard and high build coating
- easy to clean and resistant to splash of mild chemical

PROPERTIES

mass density (mixture): ca 1000 kg/m³ (HRN EN ISO 2811-1)

Solid content (mixture): > 50 (by weight) (HRN EN ISO 3251)

Gloss: 30 - 40% (HRN EN ISO 2813)

Mixing ratio: CHROMODEN 2K PU PARQUET LACQUET MATT FOR SPORT HALLS : CHROMODEN HARDENER FOR PARQUET LACQUET MATT FOR SPORT HALLS = 1:1 (vol.)

EU VOC VALUES AND LIMITS

A (j), 500 g/l (2010); This product contains: max. 500 g/l

DILUTION

10% of CHROMODEN RETARDER MP on mixture.

SURFACE REQUIREMENTS

Surface should be dry, free of oil, dirt and possibly old paints and sanded. Final sanding should be done with sandpaper No. 120 or 150 for a belt machine and if single-plate polishing machine are used than the final sanding should be once with sandpaper and No. 80 and once with No. 120 (nets No. 100-120 could be used too). If Trio sander is used for sanding then the final sanding should be with sandpaper no. 100-120). Parquet must be fine sanded. This is very important to ensure that the surface of the parquet is as

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smooth as possible so that the absorption of the first layer is as low as possible due to the drawing of lines for which it is extremely important that the surface to be applied is filled to avoid underflow. After sanding, remove all dust with a vacuum cleaner and apply first layer of the Chromoden system for sport halls, Chromoden 2K PU PRIMER, after min. 2 hours must be sanded and then marking of the lines can start. after drying for 24 hours the lines must be hand sanded and topcoat can be applied. If the parquet is too dry it is recommended to apply one more layer of topcoat on primer before Chromoden 2K PU lines.

INSTRUCTIONS FOR USE

Stir well before use. Components should be mixed in clean glass, plastic or undamaged enamel container 15 minutes before application. Overcoating interval is 24 hours. When lacquering parquet surfaces in sports halls, it is necessary to mix the total amount of required mixture at the same time in the same container, with the MANDATORY addition 10 % Chromoden Retarder MP. The mixture should be well homogenized and allowed to stand for about 15 min before being applied to the parquet floor, then mixed again and applied to the parquet floor. The pot life is max. 3 hours.

APPLICATION

Apply with special roller in attested CHROMODEN system that Chromos recommend:

- 1st coat** CHROMODEN 2K PU PARQUET PRIMER
- 2nd coat** CHROMODEN 2K PU PAINTS
- 3rd coat** CHROMODEN 2K PU PARQUET LACQUER MATT for sports halls
- 4th coat** CHROMODEN 2K PU PARQUET LACQUER MATT for sports halls
 - overcoating interval for Chromoden 2K PU PRIMER is max 3 days
 - overcoating interval for Chromoden 2K PU PARQUETRY LACQUER MATT SD: 16-24 hours

First and second coat must be sanded with sandpaper No.150-180 by hand or by polishing machine with mash No.180-220 and the dust need to be removed with a vacuum cleaner. Dust should be removed with a dust cleaner so that the suction process is repeated until the surface is completely clean. To draw lines, use professional strips for this purpose. Recommendations ELITE 830638 orange, SCOTCH 3030 green, SCOTCH 3434 blue, after gluing, press them further into the substrate.

If plain strips are used after good embossing, the CHROMODEN 2K PU PAINTS should be applied first in the middle of the bounded surface and then in a thin layer towards the dotted strip to avoid overflowing under the dotted strip if a large amount of paint is applied.

If bubbles appear during application of Chromoden 2K PAINT, they should be "removed" by an additional transition over the applied surface with a semi-dry brush or roller.

The lines should be sanded by hand, with fine sandpaper No.220 or more in order to prevent damage that could polishing machine as a result of its weight, 24 hours after application.

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If the gym has a more demanding surface that contains fields that need to be painted both with CHROMODEN TRANSPARENT and CHROMODEN 2K PU PAINT, then the lines should be drawn on the first coat of CHROMODEN 2K PU PARQUET LACQUER. In that systems first we need to apply on one surface CHROMODEN TRANSPARENT and on another surface Chromoden 2K PU PAINT which is usually team bench area and on colour less surfaces the CHROMODEN 2K PU PRIMER must be applied. After drying (24 h) across all surface the first coat of lacquer should be applied. after that coat is dried, the lines must be drawn and then the topcoat must be applied across. If the parquet in the sport hall is to dry or too old than it is necessary to fill the parquet "better" before drawing the lines to avoid overflowing into the pores of the wood with additional coat.

DRYING

- dust dry after: 1 - 2 hours
- touch dry after: 24 hours
- surfaces use after 48 hours

SPREADING RATE

Approx. 0,1l/m² mixed product for one coat (approx. 10 m²/l).

PACKAGING

CHROMODEN 2K PU PARQUET LACQUER FOR SPORT HALLS: tin plate á 10 l

CHROMODEN HARDENER FOR 2K PARQUET LACQUER FOR SPORT HALLS: tin plate á 10 L

STORAGE

In dry and good ventilated space at temperatures from +5°C to +25°C. Shelf life: 24 months

NOTE

CHROMODEN 2K PU PARQUET LACQUER MATT FOR SPORT HALLS can be applied on clean and dry wood surface or on to the parquet floor previously treated with the following products:

- CHROMODEN TRANSPARENT
- CHROMODEN 2K PU PRIMER
- CHROMODEN IMPREGNATION

and not on parquet treated with other materials.

Moisture contents in the parquetry must be between 8 and 10%. Application must be done in room conditions (18-22°C). Relative humidity in the air during application must be between 65 and 75%.

All equipment and tools used for application must be cleaned immediately after use with THINNER or CLEANING SOLVENT. Before application on exotic wood surfaces please contact our experts from field

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service department. After use, close tightly both the lacquer and hardener to prevent contact with humidity in the air.

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