

HYDRO WAX

Polyurethane coating

Water-borne, polyurethane based, 1-component coating for parquet and wooden floors. Approximately 30% of the total carbon content is bio-based (based on C14 analysis according to EN 16640). Gloss: full-matt.



HYDRO WAX is suitable for roller and trowel application on parquet and wooden floors in public spaces and homes. Forms a natural surface with good abrasion resistance. Good UV-light resistance, does not yellow.

Product meets the requirements of toy safety standard EN 71-3:2019 for limit values for migration of chemical elements.



TECHNICAL DATA

Certificates, approvals and classification	M1 classification, EN 71-3:2019, Finnish Key Flag
Fields of application	Plank floors, Parquet floors
Solids	Approx. 29% by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/i): 140 g/l. The product's VOC: max. 140 g/l.
Practical spreading rate	One coat with lacquer roller: 8 - 10 m ² /l. One coat with steel trowel: 10 - 12 m ² /l.
Colours	Clear.
Gloss (60°)	Full-matt
Thinner	Water.
Density	Approx. 1 g/ml
Storage	Storage time: in unopened containers, above +1°C, for 1 year. Must not freeze.
Packaging	Clear: 5 l.

DIRECTION FOR USE

Surface preparation	The wooden surface must be dry, carefully sanded and cleaned from dust and other impurities.
Application method	Roller, Trowel

Application

Untreated and clean-sanded surfaces: Fill the gaps with GAP parquet putty. Sand puttied surface (grit 100 - 120) and clean before applying the product. Apply 3 coats of HYDRO WAX along the grain of the wood. Intersand properly with grit 150 between second and third layer. Ensure even spreading with every layer.

Previously lacquered parquet and wooden floors: Clean the floor thoroughly. Intersand properly by using sandpaper or an abrasive net n:o 120–150. Remove the sanding dust with a vacuum cleaner and finish with a damp, lint-free cloth. Apply one coat with a stainless steel trowel and after that 1–2 coats with a roller or trowel. In unclear situations, conduct preliminary tests to ensure proper adhesion to the substrate. Note! If the floor has previously been treated with oil, urethane or alkyd lacquer, the floor must be sanded to bare wood before lacquering.

Repairing a surface: To restore a floor treated with HYDRO WAX, first remove the scuffs and gaps by sanding the area gently with sandpaper grit 150. Then, apply HYDRO WAX to the restricted area along the grain of the wood.

Ensure that the previous lacquer coat has fully dried before applying a new one. Always stir lacquer thoroughly before use.

Some rubber types in carpets and anti-slip materials may contain plasticisers that can cause permanent surface and colour damage to the lacquer and oil coat.

Application conditions

The surface to be treated must be dry. The moisture content of the wood should be 7 ± 2 % by weight. The temperature of the air, the surface and the lacquer shall be above +18 - 25°C and the relative humidity of the air 35 - 65% during the time of application and drying.

Drying time

+23°C / 50% RH

- fit for sanding and overcoating

2 h

- fit for service

7 d

The drying process will be slower in cold and/or damp.

Cleaning

Warm water and RENSA BRUSH brush cleaner. Wash the equipment immediately after use.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

ADDITIONAL INFORMATION

Maintenance instructions

The varnished surface reaches its final hardness and washability within 2 weeks. Rough handling and washing is to be avoided during this period. Stained surfaces can be cleaned with a moist cleaning cloth or mop. Use a neutral detergent. Very dirty surfaces can later be cleaned with a slightly alkaline universal washing detergent.

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