
PRODUCT TYPE	Water-borne, 1-component parquet lacquer for parquet and wooden floors in homes as well as public spaces. Good wear resistance. The product has been classified to Group M1 in Emission Classification of building materials. The product has been awarded the Key Flag Symbol (Avainlippu), marking Finnish origin.
USAGE	TOPAZ 20 is suitable for roller application on parquet and wooden floors. Not suitable for the lacquering of diamond pine and chemically treated wood, e.g., smoked oak.
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TECHNICAL DATA	
Solids	About 31 % 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 (maintenance lacquering): abt. 25 m ² /l
Density	abt. 1.0 g/ml
Drying time, +20°C / RH 50 %	
- steel trowel application	after 15 - 30 min
- roller application	after 2 - 3 h
- fit for light traffic	after 1 - 2 days
	The drying process will be slower in cold and/or damp.
Thinner, clean up	Water. Wash the equipment immediately after use with water and RENSA BRUSH brush cleaner.
Finish	Semi-matt
Colours	Clear
Packages (availability varies by country)	Clear: 5 L
SAFETY MARKINGS	See Safety Data Sheet.

DIRECTION FOR USE**Surface preparation and application**

The wood surface must be dry, well sanded and free from sanding dust and other dirt.

Untreated and clean-sanded surfaces:

Fill the gaps with GAP parquet putty. Prime the wooden surface with Teknos water-based primer lacquer according to the instructions. Intersand, if necessary, with sandpaper or an abrasive net n:o 150 after the first primer coat. Apply 2–3 coats of TOPAZ parquet lacquer along the grain of the wood. The drying time between coats should be at least two hours, preferably left overnight.

Factory lacquered parquets or previously lacquered floors:

Clean the floor thoroughly. Intersand gently by using sandpaper or an abrasive net n:o 100–150. Remove the sanding dust with a vacuum cleaner and finish with a clean damp cloth. Apply 1 coat of lacquer by using a stainless steel applicator and finish with 1–2 coats. In unclear situations, conduct preliminary tests to ensure proper adhesion to old lacquer. Note! If the floor has previously been treated with oil, urethane or alkyd lacquer, the floor must be sanded to bare wood before lacquering.

Uneven floors should be lacquered with a brush as follows:

Apply first a thin lacquer coat. After the lacquer has dried, intersand gently by using sandpaper n:o 100–150. After proper cleaning, apply two more coats.

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 varnished has to 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 - 24°C and the relative humidity of the air 40 - 60% during the time of application and drying.

Care 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.

ADDITIONAL INFORMATION

Storage time: in unopened containers, above +1°C, for 1 year.
MUST NOT FREEZE.

The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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