

## Parquet varnish

### Specification

- it creates a coating resistant to mechanical load;
- it dries quickly;
- it gives accent to the beauty and color of timber;
- it creates a coating resistant to the effect of water and detergents.



### Sphere of application

It is intended for coating of parquet in leaving spaces, lacquering of wooden stairs and other wooden products under heavy mechanical load. It is also recommended for coating of concrete floors (lacquering and dust laying).

### Technical data

Consumption standard of 1 layer	60-80 ml/m <sup>2</sup> , depending on the way of application and type of surface.
Solvent	Odorless solvent TM Maxima, maximum of 10% from the varnish weight.
Application	Apply with a brush, a roller or a spraying gun.
Drying period (23 °C, 50% RH)	4 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Gloss (DSTU ISO 2813)	matt – max. 30 GU semi-matt – 30-60 GU glossy – min. 100 GU (at 60°)
Hardness (DSTU ISO 1522)	≈ 75 sec., Konig pendulum
Solids content (DSTU ISO 3251)	49±2 %, depending on gloss degree.
Density (DSTU ISO 2811-1)	0,92-0,94 g/cm <sup>3</sup> , depending on gloss degree.
Non-volatile matter by volume (DSTU ISO 3233)	40±2 %, depending on gloss degree.
VOC content (ISO 11890)	475±10 g/l
Warranty period	24 months from the date of manufacturing.
Packaging	0,75 l, 2,5 l, 10 l, 20 l
Color	colorless.
Gloss	glossy, matt, semi-matt.

### Composition

Urethane alkyd resin, solvent, additives.

## Application instruction

### 1 Surface preparation

The surface shall be dry (humidity less than 20%), thoroughly cleaned of dirt, grease, wax, dust and polishing products.

Remove loose coats of the old varnish from the wooden floor and sandpaper the surface till matt condition. The old coating is recommended to be totally scrapped for better adhesion.

Remove completely old acrylic varnish from the wooden floor if there is such a coat.

Sandpapering shall be performed in two stages. First, treat the surface with heavy-grained sandpaper and then with fine-grained one.

Surface defects (hollows, cracks and spalls) shall be corrected with a putty for wooden and mineral surfaces TM Farbex of suitable color. After that sandpaper treated areas.

Avoid methods of cleaning, which can damage timber (e.g. sandblast apparatus).



## 2 Priming

Previously lacquered wooden surfaces need no undercoating.

Previously uncoated wooden surfaces shall be treated with Wood-protective product "Base" TM Maxima.

Previously uncoated concrete surfaces shall be undercoated with a mixture of varnish and solvent at a ratio of 3:1. Apply 1 coat of a mixture of varnish and solvent at ratio 1:1.

The edges of wooden surfaces shall be treated more thoroughly asking them completely.

## 3 Applying of finishing layer

Make sure that the surface is dry enough before applying the finishing coat.

Stir the varnish thoroughly before use. Dilute it with a solvent if necessary.

Apply a subsequent coat in 24 hours.

Slight treating of intermediate coats of varnish with fine-grained sandpaper is recommended.

Do not apply the varnish with a thick coat!

Apply the product at the temperature of air and the surface from + 10 ° C till + 35 ° C, and air humidity less than 80%.

The surface is ready for exploitation in 48 hours. Complete hardening and achieving of its properties shall be in 14 hours.

## 4 Tool cleaning

Clean tools with a solvent and then with warm water with detergents if necessary.

## SAFETY

Keep away from fire! Store in tightly closed original containers at the temperature from -20 °C till + 40 °C. Keep out from moisture and direct sunlight distantly from food in the places out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). Well-arranged ventilation shall be provided during application and 48 hours after works if it is indoors. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/i (SB): < 500 g/l. Actual VOC content ≤ 499 g/l. It doesn't contain lead and lead compounds. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

## ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 24.3-32318370-003:2007. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. Applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

