

## Acrylic Parquet Varnish

### Specification

This product creates wearing power of coating. It is resistant to detergent effects. It has a high final hardness, flexibility, and longlasting cover. Besides, the product emphasizes wood fibers and saves its natural look and dries quickly.



### Sphere of application

Water-based polyurethane-acrylic parquet varnish is intended for decorative and protective coating of parquet and wooden floors with high operation load. It is also intended for coating of stairs, furniture, window frames, doors, and other wooden surfaces indoors.

### Technical data

Consumption standard of 1 layer	80-100 ml/m <sup>2</sup> , depending on the kind of wood and quality of timber as well as way of application.
Thinner	Water. Delution of the product is possible but maximum 10% of the total weight.
Application	It is applied with a roller, a brush or a .
Drying period (23 °C, 50% RH)	4 hours. Drying period increases if the temperature is getting down and relative air humidity is increasing. Maximum hardness and wear resistance of the coating is achieved after 14 days.
Gloss (DSTU ISO 2813)	Glossy. Minimal 60 GU at 60° Silky-matt. Maximal 20 GU at 60°
Hardness (DSTU ISO 1522)	> 80 sec.Konig pendulum
Solids content (DSTU ISO 3251)	23±2 %, depending on the gloss degree.
Density (DSTU ISO 2811-1)	1,02 - 1,04 g/cm <sup>3</sup> , depending on the gloss degree.
VOC content (ISO 11890)	< 100 g/l
Warranty period	36 months from the date of manufacturing (at the temperature from +5 °C till +35 °C)
Packaging	0,75 l, 2,5 l, 5 l, 20 l
Color	colorless.
Gloss	glossy, silky matt.

### Composition

Polyurethane-acrylic dispersion, water, additives.

## Application instruction

### 1 Preliminary preparation

The surface shall be dry (maximum humidity is 20%). Clean thoroughly the surface of oils, wax, mud, grease, dust, blue stain, decay, old paint coats and other dirt till clean wood. Clean dirty areas with a dry brush. Mould and plants shall be removed manually (with a scraper or a wire brush). Then treat the surface with Antiseptic for wooden surfaces TM Farbex.

Remove resin at the places of knots in mechanical way.

To receive a smooth surface without visible places of old coatings (paint or varnish), it shall be totally removed from the surface in mechanical (with a scratcher, a floor scrubber), thermal (a hot dryer, infra-red rays) or chemical way (paint removing treatments).

It is not recommended to clean the surface by methods, which can damage wood fibers (for example, sandblast apparatus).

Defected surfaces (holes, rends, cracks) shall be filled with Putty for wood TM Farbex. After that, the surface shall be polished up.

Polishing is performed in two steps. The surface is polished up with coarse-grained abrasive paper, then finished with fine-grained



abrasive paper.

Remove dust after each preparation. It is also recommended to clean the room from the dust (footstalls, windows, radiators and other elements of interior).

## 2 Priming

Previously coated wooden surfaces don't require undercoating.

Previously uncoated wooden surfaces shall be primed.

Check for sure that the surface is clean and completely dry before priming.

It is recommended to prime new or cleaned from old rests surfaces with Wood protective acrylic primer TM Maxima for providing the best defensive effect.

Edges of wooden products shall be treated more carefully and completely impregnated.

## 3 Applying of finishing layer

Make sure that the primed cover is dry enough before applying the finish coating.

The varnish is ready for use, if needed dilute it with water.

The recommended application of the product is 2-3 layers with intermediate polishing. The next layer shall be applied not earlier, than in 2-4 hours. The final hardening of the surface and the acquisition of its properties occurs 14 days after the coating.

Application is performed at the temperature from + 10 °C to + 30 °C and relative air humidity no more than 80%.

## 4 Tool cleaning

Clean tools with water after application thoroughly.



## SAFETY

Do not mix with other products and (or) organic solvents! Keep in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). If application is indoors well-arranged ventilation shall be provided. 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/e (WB): <130 g/l. Actual VOC content ≤ 100 g/l. More detailed information you can read from 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 24.3-32318370-009:2011. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. The 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.

