

## Parquet varnish PF-231

### Specification

- It reliably protects coated surface from the intensive mechanic load (abrasion, strikes, scratches, chips, etc.), water and detergents effects
- It emphasizes natural beauty of timber



### Sphere of application

It is intended for decorative and protective coating of parquet and wooden floors, other wooden surfaces.

### Technical data

|                                               |                                                                                                                   |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Consumption standard of 1 layer               | 70-80 ml/m <sup>2</sup> , it depends on the type of surface and the way of application.                           |
| Solvent                                       | solvent TM DekART or oderless solvent TM Maxima, maximum of 10% from the varnish weight.                          |
| Application                                   | Apply with a short-haired roller, a brush, a spraying gun.                                                        |
| Drying period (23 °C, 50% RH)                 | 24 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher. |
| Solids content (DSTU ISO 3251)                | > 48 %                                                                                                            |
| Density (DSTU ISO 2811-1)                     | 0,9±0,02 g/cm <sup>3</sup>                                                                                        |
| Gloss (DSTU ISO 2813)                         | > 100 GU (at 60°)                                                                                                 |
| Hardness (DSTU ISO 1522)                      | > 35 sec., Konig pendulum.                                                                                        |
| Non-volatile matter by volume (DSTU ISO 3233) | 47±2 %.                                                                                                           |
| VOC content (ISO 11890)                       | ≈ 415 g/L                                                                                                         |
| Warranty period                               | 24 months from the date of manufacturing.                                                                         |
| Packaging                                     | 0,75 l, 2,5 l, 45 l                                                                                               |
| Color                                         | colorless.                                                                                                        |
| Gloss                                         | glossy.                                                                                                           |

### Composition

Alkyd resin, solvent, additives.

## Application instruction

### 1 Surface preparation

The surface under application shall be dry (maximal humidity 20%), thoroughly cleaned from dirt, grease, dust, wax and polishing products.

Remove the loose pieces of old solvent-based varnish from the wooden floor and polish the surface till matt condition. The old coating shall be scraped for improving adhesion.

In the case of acrylic varnish, remove it completely from the wooden floor.

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

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



It is recommended to avoid methods of cleaning which can damage wood fibers (for example sandblast apparatus).

## 2 Priming

Previously coated wooden surfaces don't require undercoating.

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

Edges of wooden surfaces shall be treated more carefully until they are completely soaked.

## 3 Applying

Make sure that the undercoated surface is dry enough before applying a finishing layer.

Mix the varnish before application. If necessary, dilute it with a solvent.

The next layer shall be applied not before the drying period of 24 hours.

It is recommended to polish intermediate layers lightly with small-grained sandpaper.

Do not apply the varnish in a fat layer.

Works shall be performed at air and surface temperature from +10 °C to +35 °C and relative humidity less than 80%.

The surface is ready for exploitation in 72 hours.

Complete hardening of the surface and obtaining of its properties is in 14 days.

## 4 Tool cleaning

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



## SAFETY

Keep away from fire! Keep in tightly closed original containers at the temperature from -20 °C till + 40 °C. Keep out of moisture, direct sunlight and food. Keep in the places out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). Provide well-arranged ventilation of the space if the application is indoors and 48 hours after coating. 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. 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.

