Express varnish for wood

Specification

- It dries quickly
- It creates a hard and flexible film, which is resistant to weather effects, water impact, industrial and automotive oils
- It has a high resistance to exploitation load and intensive cleaning with detergents
- It emphasizes the natural beauty of timber

Sphere of application

It is intended for decorative and protective coating of new or previously coated wooden surfaces (walls, doors, window frames, columns, terraces, garden furniture and fences, floor). For exterior and interior use. It can be used for the varnishing of mineral base (bricks, decorative stones, concrete).

Technical data

Consumption standard of 1 layer	80-125 ml/m2, depending on the type of surface and way of application.
Thinner	Universal thinner TM Maxima.The varnish is ready to use and does not needing dilution. ATTENTION! Do not use white-spirit, solvent or others similar products.
Application	Apply with a brush, a roller or a spraying gun.
Drying period (23 °C, 50% RH)	15 min. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	29-30 %
Density (DSTU ISO 2811-1)	0,93-0,94 g/cm3 , depending on the gloss degree.
Gloss (DSTU ISO 2813)	matt – max. 30 GU semi-matt – 30-60 GU glossy – min. 100 GU (at 60°)
Hardness (DSTU ISO 1522)	ab. 80 sec , Konig pendulum.
Warranty period	18 months from the date of manufacturing.
Packaging	0,7kg (≈ 0,75l), 2,3kg (≈ 2,5l)
Color	colorless.
Gloss	glossy, matt, semi-matt.

Composition

Copolymer, thinner, additives.

Application instruction

1 Surface preparation

The surface must be dry (maximum humidity is 20%), clean carefully from dirt, grease, dust, blue stain, fungus and etc.

Remove resin in the areas of knots in a mechanical way or with a thinner.

To receive a smooth surface without visible places of old paint or weak coats, 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).

Polish the surface with small-grained sandpaper and remove dust.

2 Priming

Previously untreated wooden surfaces should be treated with varnish and thinner at the ratio 1:1.

Mineral surfaces need no undercoating before varnish application.

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3 Applying

Stir the varnish before application.

The varnish shall be applied in 1-2 coats.

The application of the next coat shall be provided in 15 minutes.

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

Besides, the application is performed at the temperature from + 10 °C till + 35 °C and relative air humidity no more than 80%. Do not apply the varnish under direct sunlight, strong wind and atmospheric precipitation. After the coating is applied it shall not be affected by atmospheric precipitation for 24 hours.

4 Tool cleaning

Clean tools with a thinner after application. Do not let them dry. If necessary, clean them with warm water and detergents.

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). If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. 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.

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