Varnish PF-110



Specification

- it is wearproof
- it has a permanent gloss
- it gainfully emphasizes the natural beauty of wood

Sphere of application

It is intended for coating of wooden, metal surfaces previously prepared for that purpose. It is intended for exterior and interior works.

Technical data

Consumption standard of 1 layer	50-100 ml/m^2, it depends on the type of surface and way of application.
Solvent	solvent TM DekART or odorless solvent TM Maxima, 10% maximum of the total varnish weight.
Application	Apply with a brush, a spraying gun or dipping method.
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)	54±2%
Density (DSTU ISO 2811-1)	0,9±0.02 g/cm^3
Gloss (DSTU ISO 2813)	> 100 GU (at 60°)
Hardness (DSTU ISO 1522)	> 25 c., Konig pendulum.
Non-volatile matter by volume (DSTU ISO 3233)	46,5±2 %
Warranty period	18 months from the date of manufacturing.
Packaging	0,45kg (≈ 0,5l)
Color	colorless.
Gloss	glossy.

Composition

Alkyd resin, solvent, additives.

Application instruction

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1 Preliminary preparation

Metal surfaces:

new ones shall be cleaned of dirt, dust and degreased.

previously coated surfaces shall be cleaned of old loose and weak coats in a mechanical (a scraper, a wire brush), thermal (a hot air dryer, infrared radiation) or chemical (paint removing products) way. Polish the surface with a finegrained sandpaper. Remove abrasive dust and degrease the surface.

Wooden surfaces:

new ones shall be cleaned of dirt, dust and degreased.

previously coated surfaces shall be cleaned of old loose and weak coats in a mechanical (a scraper, a wire brush), thermal (a hot air dryer, infrared radiation) or chemical (paint removing products) way. Avoid methods of cleaning, which can damage the timber (e. g. a sand blust apparatus). Hallows, existing on the wood surface, cracks and damaged areas shall be corrected with Putty for wooden and mineral surfaces TM Farbex.

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the surfaces, coated with varnish, shall be treated to remove peeled coats till matt surface. Then remove abrasive dust from the surface.

2 Priming

Previously coated wooden surfaces need no undercoating.

Previously uncoated wooden surfaces shall be obligatorily undercoated. Make sure that the wooden surface is clean and fully dry before applying of the primer. Treat the new or old surfaces, cleaned of old coats, with wood-protective primer TM Delfi for the best protective effect. Edges of wooden surfaces shall be treated more carefully until complete soaking.

3 Application

Before applying a finishing layer, make sure that the undercoated surface is dry enough. Dilute it with a thinner if necessary. Apply the varnish in 1-2 coats with intermediate polishing. Apply each next coat not before 24 hours. The application shall be performed at the temperature of air and the surface from +10 °C till +35 °C and relative air humidity less than 80%. Do not apply the varnish under direct sunlight, strong wind and precipitations. The coat shall not be affected with precipitations during 24 hours after application. 24 hours. Complete hardening of the surface and obtaining its properties is in 14 days.

4 Tool cleaning

Tools shall be cleaned with a solvent and then with warm water and 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/e (SB): < 400 g/l. Actual VOC content ≤ 399 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.

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