Varnish PF-283



Specification

- it creates glossy coat and emphasizes the natural beauty of timber
- it protects coated surfaces against the effects of water and detergents

Sphere of application

It is intended for interior application on the surfaces coated with oil paints and alkyd enamels and also for metal and wooden surfaces (doors, skirting boards, furniture, etc.), indoors.

Technical data

Consumption standard of 1 layer	80-90 ml/m^2, depending on the way of application and the type of surface.
Solvent	solvent TM DekART or oderless solvent TM Maxima, maximum of 10% from the varnish weight.
Application	Apply with a 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^3
Gloss (DSTU ISO 2813)	> 100 GU (at 60°)
Hardness (DSTU ISO 1522)	> 30 s., Konig pendulum.
Non-volatile matter by volume (DSTU ISO 3233)	47±2 %.
Warranty period	24 months from the date of manufacturing.
Packaging	0,7kg (≈ 0,75l), 2,3 kg (≈ 2,5l),
Color	colorless.
Gloss	glossy.

Composition

Alkyd resin, solvent, additives.

Application instruction

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1 Surface preparation

Metal surfaces:

new ones shall be clean of dirt, dust and grease.

previously coated, old ones shall be treated to remove old loose and weak layers of paint coatings till hard base surface in mechanical (a scraper, a wire brush), thermal (hot air dryer, infrared radiation) or chemical (paint removing products) way. Treat the surface with small-grained sandpaper. After, remove abrasive dust from the surface and degrease it.

Wooden surfaces:

new ones shall be cleaned of dirt, dust.

previously coated, old ones shall be treated to remove all applied coats in mechanical (a scraper, a wire brush), thermal (hot air dryer, infrared radiation) or chemical (paint removing products) way. Avoid methods of cleaning, which can damage timber (e.x. sandblast

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apparatus). Hollows, existing on wooden surface, or damage areas shall be corrected with Putty for wooden and mineral surface TM Farbex. Sandpaper the plastered surface till the smooth surface. Remove abrasive dust from the surface.

2 Priming

Previously coated wooden surfaces do not require undercoating.

Previously uncoated wooden surfaces shall be obligatorily undercoated. Make sure that the surface is clean and completely dry before undercoating. New or cleaned of old coatings, wooden surfaces shall be undercoated with Wood protective primer TM Delfi or Wood-protective product "Base" TM Maxima for maximum protective effect and even color. 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 coat. If necessary, dilute it with a solvent. Apply varnish in 1-2 coats with intermediate polishing. Apply each next layer not before 24 hours. Perform application at the temperature of air and the surface from +10 °C till +35 °C and relative air humidity less than 80 %. 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! 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 testing and practical experience. Quality of materials completely meets the demands of TS U 24.3-32318379-003:2007. As a manufacturer, the company isn't responsible for the damage caused by the wrong application of the product. Applicability of the product for specific purposes shall be defined entirely by a consumer. Current information loses validity with the issuing of a new edition.

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