

**WOOD ALKYD PAINT – GLOSSY POLYESTER LACQUER THREE COMPONENT (1201-PLG)****Product description:**

Three-component polyester varnish is based on unsaturated polyester resin and is used on wooden surfaces exposed to internal and external conditions, has high hardness and gloss and has good resistance against water and chemicals.

Application: This paint is applied as the final layer on the surface of wood for protection and beauty. The outstanding features of this product include excellent adhesion to the surface, hardness and excellent gloss.

Technical data:

Specification	Details	EN Standard	ASTM Standard
Sheen (Gloss Level)	Clear	EN ISO 2813	D523
Solids by Volume %	60 ± 2	EN ISO 3251	D2369
Solids by Weight %	70 ± 2	EN ISO 3233-1 / 3233-2	D2697
Density / Specific gravity g/cm ³	0.1 ± 9 kg/lit	EN ISO 2811	D1475
Dry Film Thickness (DFT) μm	100 - 110 μ	EN ISO 2808	D7091
Wet Film Thickness (WFT) μm	140 - 150 μ	EN ISO 2808	D4414
Hardening mechanism	3 -component chemical reactions	EN ISO	D
Gloss @ 85°	at least 90	EN ISO 2813	D523
Surface Drying Time	Max 1 hours	EN ISO 9117-3	D1640
Deep Drying (Through Dry)	Max 90 min	EN ISO 9117-1	D1640
Flash Point °C	30	EN ISO 3697	D93

The drying time depends on the thickness of the applied film, the ambient temperature, the humidity of the environment and the wind flow. All information in this catalog is based on dry film thickness in laboratory conditions.

Environmental Conditions:

This product can be run at 5-35°C on dry place.

Equipment Used:

Airless spray:

Nozzle diameter: 0.15 - 0.21 inches,

Output pressure: minimum 141 air spray times

Air spray:

Nozzle diameter: 1.8 - 2 mm, - Nozzle pressure: 2 - 4 times

Surface Preparation:

In order to prepare wooden surfaces, you can first use sealer and after sanding the sealed wood, use filler and nitrocellulose putty and then apply shiny alkyd polish.

Method of Applying: All equipment should be cleaned with the recommended thinner before use. Apply the polish with an appropriate amount of oil thinner and then apply it using a roller, brush or spray.

Safety Tips: This cover is flammable and should be kept away from flame and heat. Also, the operator is obliged to study and comply with the MSDS conditions of this product, use a special mask and safety gloves while using it, and perform the operation in an environment with proper ventilation.

packing: Quart (Metal can) - Gallon (Metal can)

Storage Conditions: It should be stored in an open space and away from direct sunlight at a temperature of 5-35 °C. Our guarantee is the storage time of the product for 1 years.

Considerations: The available information is based on our technical knowledge and laboratory research, but since the conditions and methods of application are different and out of reach, we do not guarantee the results of it.



LEGAL NOTES : The information contained in this Technical Data Sheet is based on laboratory testing and practical experience. Actual performance may vary depending on substrate condition, application method, and environmental conditions. Users should test suitability before large-scale application.

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