

**WOOD PAINT – TWO-WAY GLOSSY POLYURETHANE KILLER (PU-300)****Product description:**

Nitrocellulose putty based on nitrocellulose with excellent filling and sanding properties prepares the wood surface for subsequent coatings.

Application: This coating is used to protect wood in different weather conditions. The outstanding features of this coating can be called excellent adhesion to the surface, hardness, resistance to wear (sanding).

Technical data:

Specification	Details	EN Standard	ASTM Standard
Color / Shade	Red	EN ISO 11664	D2244
Solid by Volume %	70 ± 5%	EN ISO 3233-1 / 3233-2	D2697
Solid by weight %	90 ± 5%	EN ISO 3251	D2369
Specific Gravity (Density) g/cm ³	1 gr/cm ³	EN ISO 2811	D1475
Shelf life	3 months		
Dry Film Thickness (DFT) μm	80 - 90 μ	EN ISO 2808	D7091
Wet Film Thickness (WFT) μm	110 - 120 μ	EN ISO 2808	D4414
Theoretical coverage strength m ² /L	7 - 9 m ² /lit	EN ISO 6504	Calculated
Flash point	30 °C	EN ISO	D
Hardening mechanism	Solvent evaporation		
Adhesion	5 B	EN ISO 2409	D3359

Equipment Used:

AIRLESS SPRAY

Nozzle diameter: 0.021-0.015 inches

Output pressure: minimum 141 times

AIR SPRAY

Nozzle diameter: 1.8-2.0 mm - Nozzle pressure: 2-4 times

Brush : 15-25 (for staining)

Environmental Conditions:

The temperature of the surface should be at least 3 degrees higher than the dew point. In hot weather, the temperature of the materials before mixing should be 20-25, otherwise the pot life will be very short. To ensure the hardening of the coating, the air and surface temperature should be above 10. This cover should not be implemented in areas where the weather changes or the wind speed exceeds 7.

Surface Preparation: Before applying the above coating, dust and moisture must be removed from the surface because moisture and water cause peeling and lack of proper adhesion of the coating to the surface.

Method of Applying:

100 parts of color and 20 parts of hardener and 10 parts of hardener, the concentration of which is between 25 and 20 seconds in the concentration measuring device (Din Cup 4) at a temperature of 20 degrees Celsius. Then spray the resulting mixture 2 to 3 times with a time interval of 10 to 15 minutes.

Safety Tips:

This coating is flammable and should be kept away from flame and heat, and the executor is also obliged to study and observe the MSDS conditions of this product, to wear special masks and safety gloves when using and in environments with proper ventilation.

Storage Conditions: It should be kept in a closed space and away from direct rays at a temperature of 35 - 50 C⁰. In addition, the storage time of the product is five years.

Considerations: The drying time depends on the film thickness applied, all the data in this catalog are based on the thickness of the dry film in vitro conditions.

Temperature C° °F	Surface drying time (Clock)	Ultimate Hardship Time (Day)	Recoating time (hours)	Pot life (Clock)
59 (15)	6-8	minimum 7	24	10
77 (25)	2-3	7	6	5-6
104 (40)	1.5	5-7	3	3

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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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