

**WOOD ALKYD PAINT – INSTANT GLOSSY NITRATE CELLULOSE COATING (F 545 R)****Product description:**

This single-component paint is based on cellulose nitrate and alkyd resins, which is used for wooden surfaces. The superior advantage of instant paint is its high drying speed, which does not allow dust to remain in the environment the quality of the coating will decrease. Painting with this color is easy and has the ability to be polished and recoated well

Application: This product is based on the Iranian national standard No. ISIRI6208 designed. This coating is used for wooden surfaces. One of the distinctive features of this coating is its adhesion to the surface. He mentioned good flexibility, proper gloss, resistance to factors such as wear, oil secretions, vegetable and animal oils, and different weather and chemical conditions.

Technical data:

Specification	Details	EN Standard	ASTM Standard
Sheen (Gloss Level)	White and colored	EN ISO 2813	D523
Solids by Volume %	30 ± 2	EN ISO 3233-1 / 3233-2	D2697
Solids by Weight %	55 ± 2	EN ISO 3251	D2369
Density / Specific gravity g/cm ³	1 + 1.2 gr/cm ³	EN ISO 2811	D1475
Shelf Life Typically, 12-24 months	12 months		
Dry Film Thickness (DFT) μm	25 - 35 μ	EN ISO 2808	D7091
Wet Film Thickness (WFT) μm	80 - 100 μ	EN ISO 2808	D4414
Hardening mechanism	Solvent evaporation	EN ISO	D
Gloss	at least 75	EN ISO	D
Surface Drying Time	Max 8 min	EN ISO 9117-3	D1640
Complete Drying	max 30 min	EN ISO 9117	D1640

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

Equipment Used:

Airless spray: Nozzle diameter: 0.15 - 0.21 inches,
Output pressure: minimum 141 air spray times
Nozzle diameter: 1.8 - 2 mm, - nozzle pressure: 2 - 4 times

Environmental Conditions:

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

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

Method of Applying:

- All equipment should be cleaned with recommended thinner before use.
- In order to perform with air spraying, it is recommended to thin the coating by 10% with the recommended thinner.
- Each coloring pulse must be used in parallel. So that Her pulse covers 50% of the painted surface with the right angle.
- In order to ensure the desired thickness, corners, sharp edges, ridges and uneven parts should be covered again.
- If the recoating time is prolonged and needs to be increased
- The thickness of this coating, the desired surface should be prepared with soft sandpaper for implementation.
- Wash all equipment immediately after use

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) Gallon: (Metal)



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 f1 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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