

Technical Data Sheet

JAZEERA WOOD RAK SILK

JI-27004

Description:

A two-component modified fluoro resin clear silk topcoat for wooden surfaces. It provides graffiti resistance in addition to excellent mar and UV resistance with non-yellowing property.

Recommended Use:

Recommended to use for exterior and interior applications as a protective clear topcoat on wooden surfaces such as doors, windows and furniture. It is applied where extreme gloss finish, UV resistance and anti graffiti is required.

Characteristics:

- Excellent resistance to yellowing.
- Excellent resistance to water, chemicals and solvents.
- Excellent adhesion and strong durability.
- Excellent resistance to abrasion.
- Excellent resistance to UV.
- Anti graffiti topcoat.

Physical Constants:

• Finish:	Silk.	
• Color:	Clear.	
• Volume Solid:	52%	ASTM D2697.
• Viscosity:	124 KU (Mixed Paint),@25°C	ASTM D562.
• Specific Gravity:	1.03 (Mixed Paint)	ASTM D1475.
• DFT:	45 µm each coat.	
• Theoretical Spreading Rate:	11.5 m ² / Ltr at 45µm DFT.	
• Flash Point:	23°C.	
• VOC Value :	438 g/ ltr.	

Surface Preparation:

Remove all visible surface deposits such as grease, oils, dust, soils, salt and other contaminants. Make the surface smooth by sanding with sand a paper and clean it well.

Application Guide:

- Temperature during application should be more than (5°C).
- Surface temperature: at least (3°C) above dew point.
- Relative humidity: maximum 85%.

Application Data:

Mixing ratio: By volume: Base Hardener
2.5 : 1

Pot-life: 2 hours @ 25°C.

Painting System:

Primers:

- For natural wood appearance, apply Jazeera Wood RakSanding Sealer.
- For colored wood appearance, apply "Jazeera Wood Stain" before sealer.

Topcoats: Jazeera Wood Rak Silk.

Application Method And Thinning:

THINNER: "Jazeera Thinner 507".

- Application Method Airless Spray
- Thinning (by volume) (15-20) % (Depends on the weather condition at work place).
- Nozzle Orifice 1.5- 1.8 mm
- Nozzle Pressure 29.0-43.5psi
- Spray Angle 50-80°

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Drying Time And Recoating:

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Temperature	25°C/77°F
Relative humidity	50%
Surface dry	25 min.
Hard dry	1 hour
Dry to recoat, minimum	1 hours
Dry to recoat, maximum	Non recoated
Full Cure:	7 days

To get the most resistant materials for writing and drawing is recommended to leave the paint to dry for a period of 7 days.

*Note: All records given in the table are typical at: recommended film thickness, good ventilation and one coat system.

Packing:

Packed in:	Base	Hardener
Gallon	2.5 ltr	: 1 ltr

Shelf Life & Storage:

Shelf life : 12 months @ 25 °C.

Storage: Store indoors. Storage conditions are to keep the container in sealed container in dry, cool and well ventilated place

Safety Precautions:

- Clean up: Use "Jazeera Thinner 507" for tools cleaning and in case of spillage, absorb and dispose.
- Handling: Handle with care. Stir very well before use.
- Health and safety: Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapor should be strongly avoided.
- For spray application systems; applicator should wear protective clothing, gloves, also eye, skin and respiratory protection are always recommended. Keepaway from reach of children.
- Ventilation: When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. In addition, respirators must be used by all applicator.
- Caution: This product contains flammable solvents, keep away from sparks and open flame. For information on LEL and TLV, please read the MSDS.

Environmental

- Safety: Please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.
- Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the Control of Pollution Act and the Environmental Protection Act.

Disclaimer:

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Jazeera Paints Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Jazeera TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Jazeera quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.