

## Technical Data Sheet

### JAZEERA RAK FINISH

#### JI-48025

#### Description:

Two-component polyurethane pigmented finish coat .It has a high resistance to UV, yellowing with special properties to clean stains and contaminants easily, applied as one coat only.in addition to special resistance to abrasion, scratches and yellowing in the course of time

#### Recommended Use:

Recommended to use as a finish coat for exterior and interior applications on metal and wooden surfaces such as trucks, furniture, steelworks and all woodworks.

#### Characteristics:

- Resistance to stains and contaminants.
- Good resistance to UV .
- High adhesion.
- Excellent non-yellowing properties.
- High resistance to abrasion and scratches.
- Ultra smooth touch.

#### Physical Constants:

• Finish:	Gloss	
• Color:	As per product catalog.	
• Volume Solid:	55%	ASTM D2697
• Specific Gravity:	1.15 (mixed Paint)	ASTM D1475
• Theoretical Spreading Rate:	5.5 m <sup>2</sup> /L @ 100 micron DFT.	
• VOC Value:	443 g/ ltr.	

#### Surface Preparation:

Primed surfaces:

- "Jazeera Rak Finish" should be applied over recommended primer and it should be dry and free of grease, oil, dust, or any other contaminants. Grease and oil shall be removed with a suitable detergent. Salts and other contaminants shall be removed by high-pressure fresh water cleaning.
- "Jazeera Rak Finish" must be applied within the over coating interval time of primer .
- Any damage areas in the primer should be prepared according to ISO 8504 and patch primed prior application of "Jazeera Rak Finish".

#### Application Condition:

- 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: 3.5 hours @ 25°C.

#### Painting System:

- Primer:
- For wood veins appearance: Apply one coat of "Jazeera Wood Rak Sanding Sealer"
- For polished appearance: Apply two coats of "Jazeera Wood Rak Sanding Sealer"
- Topcoat: Apply one coat of "Jazeera Rak Finish".

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#### Application Method And Thinning:

THINNER: "Jazeera Thinner 507".

• Application Method	Airless Spray	Air Spray	Brush/Roller**
• Thinning (by volume)*	0 %	(5 - 10) %	(0 - 5)%
• Nozzle Orifice	0.015-0.021"	1.5- 1.8 mm	N/A
• Nozzle Pressure	(2100psi)	29.0-43.5psi	N/A
• Spray Angle	40-80 <sup>0</sup>	50-80 <sup>0</sup>	N/A

- Depends on the weather condition at work place.
- Recommended for stripe coat and small areas.

#### Film Thickness and Spreading Rate:

	Minimum		Maximum		Recommended	
	(μm)	mil	(μm)	mil	(μm)	mil
Dry Film Thickness (DFT)	75	3	150	6	100	4
Wet Film Thickness (WFT)	136	5.45	272	11	182	7.3
	m <sup>2</sup> /l	ft <sup>2</sup> /USgal	m <sup>2</sup> /l	ft <sup>2</sup> /USgal	m <sup>2</sup> /l	ft <sup>2</sup> /US gal
Theoretical Spreading Rate	7.3	293	3.7	147	5.5	220.5

#### 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	90 min
Hard Dry	6 hours
Full Cured	7 days

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

\*The surface should be dry and clean prior to application. The best time to recoat is before previous coat is cured. If this time is exceeded, the surface may need to be roughened slightly.

#### Packing:

Packed in:	Base	Hardener
Gallon	2.5 Ltr	: 1.0 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.

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**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.