

## Technical Data Sheet

### JAZEERA WOOD RAK SANDING SEALER

JI-21011

#### Description:

A two component clear sealer based on polyurethane for exterior wooden surfaces, zinc stearate free. It provides excellent sealing, sanding and UV resistance properties.

#### Recommended Use:

Recommended to use for exterior and interior applications as a clear sealer on wooden surfaces such as doors, windows and furniture. Also it can be applied on "Jazeera Wood Stain".

#### Characteristics:

- Free of toxic and hazardous zinc stearate.
- Safe use and dust free sanding.
- Prevents water absorption and whitish.
- Fully transparent and sealing the porous wood.
- Resistance to UV and weather conditions.
- High sandability.
- Excellent adhesion and high durability.

#### Physical Constants:

• Finish:	Matt.	
• Colour:	Clear.	
• Volume Solid:	35 %.	ASTM D2697.
• Viscosity:	60 KU @ 25°C	ASTM D562.
• Specific Gravity:	1.0 @ 25°C	ASTM D1475
• Sandability:	2 hours @ 25°C.	
• VOC:	590 g/Ltr.	
• Flash Point:	Above 23°C.	

#### 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 paper and clean it well prior to application.

#### Application Condition:

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

#### Painting System :

Primers:

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

Topcoats: Can be overcoated by all types of polyurethane and acrylic solvent based paints.



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#### Application Data:

Mixing ratio: By volume: Base : Hardener  
4 : 1

Pot-life: 1 hour at 25°C

#### Application Method and Thinning:

THINNER: "Jazeera Thinner 507".

Application Method	Airless Spray	Air Spray	Putty Knife	Brush/Roller**
Thinning (by volume)*	(0 - 5)%	(20-25) %	(0-5) %	(10-15) %
Nozzle Orifice	0.013 - 0.019"	(1.5-1.8)mm	N/A	N/A
Nozzle Pressure	7.86 MPa ( 1100psi)	29.0-43.5 psi	N/A	N/A
Spray Angle	40-65°	50-80°	N/A	N/A

\* Depends on the weather condition at work place.

\*\* Recommended for stripe coat and small areas.

#### Film Thickness and Spreading Rate:

	Minimum		Recommended	
	(μm)	mil	(μm)	mil
Dry Film Thickness (DFT)	25	1.0	50	2
Wet Film Thickness (WFT)	71	2.9	143	5.72
	m <sup>2</sup> /l	ft <sup>2</sup> /USgal	m <sup>2</sup> /l	ft <sup>2</sup> /USgal
Theoretical Spreading Rate	14	561	7	280

#### 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 30 min.
- Hard dry 2 hours
- Full cure 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. If the recoating interval is exceeded, the surface may need to be roughened

#### Packing:

Packing:

Base : 2.88 Ltr.  
Hardener : 0.72 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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**Handling and Safety:**

- Clean up: Use "Jazeera Thinner 507" for cleaning tools and in case of stains while application.
- 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. Keep away 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.