

Technical Data Sheet
JAZEERA WOOD ELEGANCE SEALER
J1-11005

Description:

High performance one component water-borne wood sealer, low odor, based on the acrylic resin, It seals, protects wood surfaces, imparts smooth touch, provides a durable thick layer with non yellowing, clarity and hardness properties.

Recommended Use:

Recommended to use for interior applications as a basecoat over bare wood or stained wood surfaces with "Jazeera Wood Elegance Stain" on wooden surfaces such as doors, windows, furniture and woodworks, where hygienic properties are required, keeping indoor air quality cause it's very low VOC content.

Characteristics:

- Outstanding clarity and transparency.
- Excellent sealing property.
- Fast drying.
- Easy to sand.
- Non-yellowing.
- Excellent adhesion with wooden surfaces and subsequent coats.
- Very good water cleanability.
- Low VOC, hazardous air pollutants and low odor.
- Environmentally responsible.

Physical Constants:

| | | |
|-------------------------------|--------------------------------------|-------------|
| • Finish: | Silk. | |
| • Color: | Clear. | |
| • Volume Solid: | 36 %. | ASTM D2697. |
| • Viscosity: | 65 KU @ 25 °C | ASTM D562. |
| • Specific Gravity: | 1.05 | ASTM D1475. |
| • DFT: | 40 µm each coat. | |
| • Theoretical Spreading Rate: | 9 m ² /liter @ 40 µm DFT. | |
| • VOC: | (70-80) gm/liter. | |

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.

Application Conditions:

- 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: Apply two coats of "Jazeera Wood Elegance Sealer". / for decorative appearance, apply (Jazeera Wood Elegance Stain) before the sealer.

Topcoats: Apply two coats of "Jazeera Wood Elegance Lacquer".

Note: No. of Coats depends on the quality of wood.

Application Methods and Thinning:

| Thinner: Tap Water. | | | |
|-------------------------|------------------|---------------|---------|
| • Application Method | Airless Spray | Air Spray | Brush** |
| • Thinning (by volume)* | (0-5)% | (10-15)% | (5-10)% |
| • Nozzle Orifice | 0.011-0.015" | (0.8-1.8) mm | N/A |
| • Nozzle Pressure | 6.5 MPa (910psi) | 29.0-43.5 psi | N/A |
| • Spray Angle | 40-65° | 50-80° | N/A |

*Depends on the weather condition at work place.

** Recommended for stripe coat and small areas.

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Film Thickness and Spreading Rate:

| | Minimum | | Maximum | | Recommended | |
|------------------------------|-----------------------|----------------------------|-----------------------|----------------------------|-----------------------|----------------------------|
| | (μm) | mil | (μm) | mil | (μm) | mil |
| • Dry Film Thickness (DFT) | 25 | 1 | 80 | 3.2 | 40 | 1.6 |
| • Wet Film Thickness (WFT) | 69.4 | 2.8 | 222 | 8.9 | 111 | 4.4 |
| | m^2/l | ft^2/USgal | m^2/l | ft^2/USgal | m^2/l | ft^2/USgal |
| • Theoretical Spreading Rate | 14.4 | 577 | 4.5 | 180 | 9 | 361 |

Drying Time:

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 20-30 min.
- Hard dry 2 hours
- Full cure 7 days
- Dry to recoat, minimum 3 hours
- Dry to recoat, maximum* -----

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:

- Can 1 L.
- US Gallon (3.65 L).

Storage and Shelf Life:

Shelf Life: 1 year @25 °C (77 °F).

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

Handling and Safety:

- Cleanup: Use **Tap Water** 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. 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.
- Notes: 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.