

Technical Data Sheet

JAZEERA FIREWOOD 150

JI-15004

Description:

A high-performance water-borne intumescent fireproofing coating, specially designed for cellulosic fire protection of wooden surfaces.

Recommended Use:

Recommended to use as a fireproofing & flame spread resistance for wooden substrates such as doors, windows, and furniture.

Characteristics:

- Cellulosic fire protection for wooden surfaces.
- Can be used for upgrading fire rating of wooden surfaces.
- Excellent adhesion with wooden surfaces.
- High durability.

Physical Constants:

• Finish:	Matt
• Colors:	White, Light Grey
• Volume Solids:	63% (ASTM D2697)
• Viscosity:	105 KU @ 25 °C (ASTM D562)
• Specific Gravity:	1.41 (ASTM D1475)
• Flash Point:	>101 °C (>214 °F)
• Film Thickness:	500 to 1300 microns DFT / 795 to 2065 microns WFT(required thickness depends on the thickness & integrity of wood surface)
• Theoretical Spreading Rate:	1.3 - 0.48 m ² /ltr @ 500 - 1300 microns DFT.

Tests:

• VOC	82.97 g/L	SCAQMD Rule 1113	METS - UAE.
• VOC Emission After Application	Pass	LEED Requirements - Ver.4	METS - UAE.

Surface Preparation:

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

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: Self Priming.
- Topcoats: Jazeera Firewood 150.

For protection & colored appearance apply:

- For interior applications: "Jazeera Novel".
- For exterior applications: :Jazeera Firedamp 275" as a topcoat.

Application Method and Thinning:

- Thinner: Not Recommended.

- "Tap water" can be used if necessary, or consult TSD.

- Application tools:

- Airless Spray: Excalibur / Nozzle orifice: 0.015-0.021" / Nozzle pressure: 15 MPa (150Bar) / Spray angle: 40°-80°.

- Brush & Roller: Recommended smooth and suitable type (mostly for small areas).

Note: To obtain the required DFT, more than 3 layers should be applied.

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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	2 hours.
Hard dry	6 hours
Dry to recoat, minimum	8 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:

- US. Gallon: 3.65 L.
- Drum: 18 L.

Shelf Life & Storage:

- Shelf life : 24 months @ 25 °C.
- Storage: The container should be kept in sealed, dry, cool, well ventilated place and stored in accordance with national regulations.

Handling And Safety:

- Clean up: Use "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.

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.