

Technical Data Sheet
JAZEERA FIREWOOD 150
J1-15004

Description:

A high quality water-borne intumescent fire protection coating, specially designed for combustible substrates.

Recommended Use:

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

Characteristics:

- Cellulosic fire protection up to 1 hour.
- Flame spread resistance.
- Can be used for upgrading fire rating of wooden surfaces.
- Excellent adhesion and high durability.

Certificates:

- The product has been approved by the Saudi Civil Defense.
- Tested and certified by (ECI) Exova Warringtonfire in accordance with BS476: Part 20: 1987.

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:	300 to 600 microns DFT / 476 to 952 microns WFT(required thickness will depend on the thickness & integrity of wood surface)	
• Theoretical Spreading Rate:	2.1 m ² /ltr @ 300 microns DFT.	

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.

Application Guide:

• Advised to follow scientific methods and standards, and subject to the conditions of health, with taking care to adhere to the observations and recommendations by the sales engineers or technical support.

Application Conditions:

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



Technical Data Sheet
JAZEERA FIREWOOD 150
J1-15004

Painting System:

- Primers: Self Priming.
- Topcoats: Jazeera Firewood 150.

For protection & colored appearance apply:

- For interior applications: Jazeera Novel or Jazdecotive F as a topcoat.
- For exterior applications: Jazeera Firedamp 275 as a topcoat.

Application Method and Thinning:

Thinner: Not Recommended.

Application tools:

Airless Spray: Recommended.

Brush : Recommended (mostly for small areas).

Roller : Recommended (mostly for small areas).

Note: Need more than 3 coats to achieve DFT.

Limitations:

- Level of surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible.
- Over-application will extend both the minimum overcoating periods and handling times.

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
Dry to recoat, maximum*	-----
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:

- 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.

Technical Data Sheet
JAZEERA FIREWOOD 150
J1-15004

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.