



AL-JAZEERA FIREWOOD 150

Water Borne Intumescent

DESCRIPTION:

A single component water-borne intumescent fire retardant coating, specially designed for combustible substrates.

RECOMMENDED USE:

Recommended to use as a fireproofing & flame spread resistance on wooden substrates such as doors, windows, walls, columns and beamsetc.

CHARACTERISTICS:

"Al-Jazeera Firewood 150" has the following features:

- Fire resistance up to 1 hour protection from cellulosic fires.
- Resistance to flame spread.
- Can be used for upgrading fire rating of the wood doors.
- Water-borne product, has excellent adhesion and 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: 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 m²/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 Condition

The product should not be applied at temperatures below 5°C Surface temperature must be a minimum of 3°C above dew point.

Relative humidity should not exceed 85%.

In confined areas good ventilation is required during application and drying.

Paint System

Primers: Not Required, Self Priming.

Topcoats: Al-Jazeera Fire Damp 275 & Al-Jazeera Novel. Jaz-decotive F.

Application Method and Thinning:

Thinner: Not Recommended.

Airless Spray: Recommended.

Brush : Recommended (mostly for small areas).

Roller : Recommended (mostly for small areas - 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%
Touch Dry	2 hours.
Hard Dry	6 hours
Dry to recoat, minimum	8 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.

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. 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.

Packing and Storage

Packing: Packed in: Drum: 18 liters.

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

Storage temperature: (25) °C / (77) °F.

Storage humidity: (85)% relative humidity.

Shelf life : 1 year at 25 °C (77 °F).