



## AL-JAZEERA FIREDAMP 263

Solvent Based, High Solids, Acrylic Intumescent Fireproofing Coating

### DESCRIPTION:

"Al-Jazeera Firedamp 263" is a high performance, solvent based, high solids acrylic intumescent fireproofing coating for structural work.

### RECOMMENDED USE:

As a fire proofing paint for structural steel works like beams, columns and hollow sections for protection from cellulosic fires.

### CHARACTERISTICS:

"Al-Jazeera Firedamp 263" has the following features:

- Tested and certified by **(ECI) Exova Warringtonfire** in accordance with BS 476:Part 21 o.
- Fast drying & rapid recoatable, hence suitable for application in the steel fabrication shop.
- Fire protection up to 2 hours for structural steel work like 'I' sections beams, columns and hollow sections.
- For interior application, top coat is not necessary.

### PHYSICAL CONSTANTS:

Finish:	Matt
Colour:	Produces in white color.
Volume Solid:	75% ± 2 (ASTM D2697)
Viscosity:	50 poise @ 31 °C (ASTM D562)
Specific Gravity:	1.37 kg/ltr @ 25°C (ASTM D1475)
D.F.T:	750 µm / 30 mils
Theoretical	
Spreading Rate:	1 m <sup>2</sup> /ltr @ 750 µm DFT (40.1 ft <sup>2</sup> /US gal @ 30 mils)
VOC:	323 g/ltr (2.7 lbs/US gal).

### SURFACE PREPARATION:

#### PRE-CLEANING:

Remove all visible surface deposits such as grease, oils and soils with suitable detergent. Remove salt and other contaminants by washing using high pressure fresh water. Where necessary, work to remedy or alleviate design or fabrication defects such as weld spatter, and where required smooth weld seams and sharp edges before abrasive blasting.

#### NEW STEEL:

Refer to pre-cleaning, the surface must be prepared according to Sa 2½ (NACE No.2/SSPC-SP 10) or Sa 2 (NACE No. 3/SSPC-SP 6).

### APPLICATION GUIDE:

Advised to follow scientific methods and standard and to mind the health conditions, with careful adherence to the observations and recommendations by 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:** Self-priming, or can be overcoated with all kinds of suitable solvent based primers, for more information, consult Al-Jazeera TSD

**Topcoats:** "Al-Jazeera Firedamp 275"

### APPLICATION METHOD AND THINNING:

THINNER: Normally not required, if required use up to 10% of "Al-Jazeera Thinner 507" according to the local VOC regulations.

Application Method	Airless Spray	Brush/Roller**
Thinning (by volume)*	(0) %	10%
Nozzle Orifice	(0.48-0.59)mm	N/A
Nozzle Pressure	246 bar (approx.3567 psi)	N/A
Spray Angle	40-80°	N/A

\* Depends on the weather condition at work place.

\*\* Suitable, for small areas only. Up to 400 microns (WFT) can be achieved in single coat.

(Multiple coats may be required to achieve the specified thickness).

Notes:

• Conventional spray is not recommended to apply this product.

• Always mix the product thoroughly with a power agitator before application.

**"Al-Jazeera Firedamp 263" should be applied by trained industrial paint applicators only**

### 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 minutes
Hard Dry	16 hours
Dry to recoat, minimum	4 hours
Dry to recoat, maximum*	Extended

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.

The best time to recoat is before previous coat is cured. If this time is exceeded, the surface may need to be roughened slightly.

### HANDLING AND SAFETY :

**Clean up:** Use "Al-Jazeera Thinner 507" 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,



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**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 Ltr

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

**Storage temperature:** (5-42) °C / (41-108) °F.  
**Storage humidity:** (0-95)% relative humidity.  
**Shelf life :** 1 year at 25 °C (77 °F).

#### Disclaimer

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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 Al-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 Al-Jazeera TSD, he should take his accountability in this connection.