

## AL-JAZEERA FLOOR COATING

JI-68001

### DESCRIPTION:

A high quality solvent free two component epoxy –amine cured coating especially developed for floor.

### RECOMMENDED USE:

Recommended for decoration and protection of interior floors (concrete, cement and steel) where high abrasion resistance is required e.g. interior floors of industries, work shop (fabrication and automobile) and warehouses etc.

### CHARACTERISTICS:

"Al-Jazeera Floor Coating " has the following features:

- Excellent self-leveling property.
- Excellent abrasion resistance.
- Excellent impact resistance.
- Excellent resistance to petrol, dilute, alkalis , acids, water , detergents.
- Low odour, solvent free.

### PHYSICAL CONSTANTS:

|                             |   |
|-----------------------------|---|
| Finish:                     | Gloss.  |
| Colour:                     | White and grey and other limited colours.   |
| Specific Gravity:           | 1.34 (mixed paint), ASTM D1475.   |
| Viscosity :                 | High viscous.   |
| Volume Solid:               | 100 %. ASTM D2697.  |
| D.F.T.:                     | 300 µm. Depending on the surface and system.  |
| Theoretical Spreading Rate: | 2.48 m <sup>2</sup> /Kg at D.F.T. 300 µm. (to avoid waste, be sure to buy the right amount of the paint for the surface area required). |
| Hardness:                   | Pass, 4 H Pencil, ASTM D3363.   |
| Water Resistance:           | Pass, ASTM D870.  |
| Chemical Resistance:        | Pass, ASTM D1308.   |
| Flash Point:                | Above 100°C.  |

### SURFACE PREPARATION:

#### New surfaces

- All new surfaces must be cured at least for 30 days prior to application of the primer.
- The surface must be treated by removing all forms release and protrusions to get a suitable surface for application.

#### For previously painted surfaces:

- Remove old paint from surfaces completely.
- Make sure that the surface is clean , dry , free from dust, oil, grease, salt and mold.
- Fill the holes and cracks with suitable fillers "Jaz Epoxy Crack Filler ESP " prior to application of the primer.

### APPLICATION GUIDE:

- 1.The surface must be removed from dust , grease, oil and other contaminants completely.
- 2.The surface must be treated by removing all forms release and protrusions to get a suitable surface for application.
- 3.Surface temperature required during application must not be less than 10°C; the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%.
- 4.Maximum pH of 9 for concret surfaces.
- 5.Make sure that, base paint and hardener are mixed uniformly.
- 6.The mixed paint should be used within pot-life.

- 7.Do not apply on wet and moistened surfaces until get completely dry. Do not apply the next coat unless the previous one is fully dry, minimum recoating interval time should be given between the two coats.
- 8.Adequate ventilation should be provided during drying

### APPLICATION TOOLS:

|                |  |  |
|----------------|--|--|
| Airless spray  | Nozzle size :  | (0.018-0.021) inch                     |
|                | Total output fluid pressure at spray tip not less than | 176 kg / cm <sup>2</sup> (2500 p.s.i). |
| Roller / Brush | Special type.  |  |

### MIXING RATIO:

|            |             |   |                 |
|------------|-------------|---|-----------------|
| By weight: | <u>Base</u> | : | <u>Hardener</u> |
|            | 4           | : | 1               |

### POTLIFE:

1 hour at 30°C.  
15 Min. at 45°C.

### THINNER:

Not Recommended.

### PAINTING SYSTEM:

-Apply one coat of "Al-Jazeera Epoxy Sealer Clear" or "Al-Jazeera Epoxy Sealer" .

- Apply one coat of "Al-Jazeera Floor Coating".

**Note:**With the addition of " Jaz Non-Slip Aggregate" between coats of Al-Jazeera Floor Coating , non-slip properties can be achieved.

### DRYING TIME:

|  |   |
|--|---|
| Dry to touch:                                    | 5 hours                                 |
| Recoating interval :                             | 10 hours.(minimum)<br>3 days. (maximum) |
| Full cure  | 7 days.                                 |
| All above results according to ASTM D5895 @ 25°C |   |

### CLEANING TOOLS:

"Al-Jazeera Thinner 505 " .

### PACKING:

|            |             |                 |
|------------|-------------|-----------------|
| Packed in: | <u>Base</u> | <u>Hardener</u> |
| Gallons    | 3.5 kg      | 0.882 kg        |

### SHELF LIFE:

In sealed container: 12 months in a dry, cool and well-ventilated place.

### SAFETY PRECAUTIONS:

During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist, should be strongly avoided. When working with paint in in-sufficient ventilated areas, forced ventilation should be provided. For spray application system, eye, skin, respiratory protection are always recommended. Keep away from the reach of children.

**For 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 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.

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