

## AL-JAZEERA RIVAL (W/B)

JA-57004

### DESCRIPTION:

A high quality, high performance two-component waterborne anti-graffiti paint based on modified acrylic polyurethane.

### RECOMMENDED USE:

Recommended to be used as an anti-graffiti top coat on concrete, cement, gypsum and brick surfaces for crowded area, walls of buildings & schools, gardens, parks, public places, entrances of buildings and children's rooms. It gives easy removal of graffiti.

### CHARACTERISTICS:

"Al-Jazeera Rival (W/B)" has the following features:

- Excellent graffiti resistance.
- Very good outdoor durability.
- Good adhesion.
- Very good flexibility.
- Outstanding cleanability.
- Excellent chemical resistance.
- Low VOC, low odor.

### PHYSICAL CONSTANTS:

Finish: Semi gloss.  
Colour: White and other colours as per Al-Jazeera colour card.  
Specific Gravity: 1.28 (mixed paint), ASTM D1475.  
Viscosity: 18-20 Second (BASE) By Ford Cup.  
Volume Solid: 43±2% (mixed paint) . ASTM D2697.  
D.F.T: 25 µ. Depending on the surface and system.  
Theoretical  
Spreading Rate: 17.2 m<sup>2</sup>/L at D.F.T. 25 µ.  
(To avoid waste, be sure to buy the right amount of the paint for the surface area required).  
VOC: 70 g/ ltr.

### 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.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%.
3. Maximum pH of 9.
- 4.Make sure that, base paint and hardener are mixed uniformly.
- 5.A suitable quantity of tab water can be added to get reasonable viscosity for application.
- 6.The mixed paint should be used within potlife.

#### 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.

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

### APPLICATION TOOLS AND THINNING RATIO:

**Air spray** Thinning ratio: (0 – 10) % by volume.  
Nozzle size: (1.5 – 1.8) mm.

**Airless spray** Thinning ratio:(0 – 10) % by volume

Nozzle orifice : 0.017-0.021"

Nozzle pressure : 15 MPa ( 2100psi)

Spray angle : 40-80°

**Roller** Thinning ratio:(0 – 10) % by volume.

Recommended type

**Brush** Thinning ratio:(0 – 10) % by volume.

Normal type.

### MIXING RATIO:

By volume:	<u>Base</u>	:	<u>Hardener</u>
	5.47	:	1

### POTLIFE:

5 hours at 25°C.

### THINNER:

Tab Water

### PAINTING SYSTEM:

#### For exterior surfaces

Apply one coat of "Al-Jazeera Primex".

Apply two coats of "Al-Jazeera Rival (W/B)".

#### For interior surfaces

Apply one coat of "Al-Jazeera Inter Prime".

Apply two coats of "Al-Jazeera Easy Putty"

Apply one coat of "Al-Jazeera C Primer"

Apply two coats of "Al-Jazeera Rival (W/B)".

#### For textures

Apply one coat of "Al-Jazeera Primex".

Apply one coat of "Al-Jazeera Softex"

Apply one coat of "Al-Jazeera C Primer"

Apply two coats of "Al-Jazeera Rival (W/B)".

#### Removing technique:

Use a piece of cloth after immersing in "Al-Jazeera GraffitiX" and then rub gently the Graffiti. for more information about removing technique refer to "Al-Jazeera GraffitiX" TDS.

Notes:

Thickness of layers "Al-Jazeera Rival (W/B)" depends on the extent of absorption of the surface of the paint

### DRYING TIME:

- Dry to touch (2 -3 ) hours.
- Full dry 48 hours.
- Recoating interval 5 hours (minimum).

All above drying time tested according to ASTM D5895@25°C.

For the best performance, it is recommended to allow the paint to cure 7 days after paint application.

### CLEANING TOOLS:

Tab water.

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### PACKING:

- Packed in:		<u>Base</u>	<u>Hardener</u>
	Gallon:	3.04 Ltr.	0.56 Ltr.
	Drum:	15.19 Ltr.	2.81 Ltr.

### 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 and paint vapour, 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.

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