

## AL-JAZEERA SEMI-GLOSS ACRYL

JA-17001

### DESCRIPTION:

An ideal semi-gloss emulsion paint. Specially designed for exterior and interior applications in all weather conditions.

### RECOMMENDED USE:

Recommended to use as a semi-gloss final coat with smooth touch for exterior and interior applications on concrete, cement, gypsum and brick surfaces.

### CHARACTERISTICS:

" Al-Jazeera Semi-Gloss Acryl " has the following features:

- Semi-gloss finish with smooth touch.
- Very good colour retention property.
- Resists different weather conditions.
- Good water, alkali and salt resistance.
- Excellent washability with water and detergent.
- Very low VOC (Volatile Organic Components).
- Formaldehyde free.
- APEO free.
- Ammonia free.

### CERTIFICATES:

- In accordance with the SASO standard No.: 470 / 2002.
- Tested and approved by Dortmund University of VOC contents.
- Certificated by Green Seal.
- Meets U.S. Green Building Council's LEED® Standards Environmental Sustainability according to Green Seal (GS-11 ) approval.

### PHYSICAL CONSTANTS:

Finish:	Semi-gloss.
Gloss:	(25-35) at an angle of 60°, ASTM D523.
Colour:	Produced in white and other colours of "Al-Jazeera Paints" colour card.
Specific Gravity:	1.24 at temperature of 25°C. ASTM D1475.
Viscosity:	100±5 KU at temperature of 25°C. ASTM D562.
Volume Solid:	36 %. ASTM D2697.
D.F.T.:	40 µ, each coat.
Theoretical Spreading Rate:	9 m <sup>2</sup> /L (360.9 ft <sup>2</sup> /US gallon) at D.F.T. 40 µ. (To avoid waste, be sure to buy the right amount of the paint for the surface area required).
Sagging:	200 µ, ASTM D4400.
Water Resistance:	Pass, 7 days, ASTM D870
Alkali Resistance:	Pass, 7 days (1 % solution), ASTM D1308
Salt Resistance:	Pass, 7 days (1.5 % solution), ASTM D1308.
Adhesion:	Pass, ASTM D3359
Flexibility:	Pass, 3 mm. Diameter, ASTM D522
Freeze-Thaw Stability	Pass, 3 cycles, ASTM D2243.
Storage Stability:	Pass, 30 days at 52°C. ASTM D1849
VOC :	3.7g/ltr ( @ 280°C) ASTM D6886)*.

### 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 "Al-Jazeera Crack Filler" 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. Paint should be stirred carefully before use.
5. A suitable quantity of water can be added to get reasonable viscosity for application.
6. Do not apply on wet and moistened surfaces until get completely dry.
7. 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 time.

### APPLICATION TOOLS:

- **Airless spray** : Excalibur18601
 

Nozzle orifice	: 0.015-0.021"
Nozzle pressure	: 15 MPa (150 Bar)
Spray angle	: 40-80°
- **Spray gun** : Recommended nozzle size: (1.5 – 1.8) mm.
- **Roller** : Recommended type: Soft and smooth woolen roller.
- **Brush** . : General / Normal type.

### THINNERS:

Recommended thinner is "Tap Water".

### THINNING RATIO:

- (0-5)% by volume for airless spray applications.
- (25 – 35) % by volume for spray gun applications.
- (15 – 25) % by volume for roller & brush applications. Depends on the weather conditions at work place.

### PAINTING SYSTEM:

#### For Exterior surfaces:

- Apply one coat of "Al-Jazeera Primex" or any other suitable type of Al-Jazeera Primers, depending on surface and leave for full dry.
- Apply two coats of "Al-Jazeera Semi-Gloss Acryl".

#### For interior surfaces:

- Apply one coat of "Al-Jazeera Primex" or any other suitable type of Al-Jazeera primers and leave for full dry.
- Apply two coats of "Al-Jazeera Easy Putty" then sand the surfaces with sanding paper and clean the dust coming from the sanding by a dry cloth or an air blower.
- Apply two coats of "Al-Jazeera Semi-Gloss Acryl".

\*Test report available on request.

#### 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.

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### DRYING TIME:

- Surface dry: 1 hour.
- Full dry 4 hours.
- Recoating interval 8 hours (minimum).

All above results according to ASTM D5895 @ 25°C.

### CLEANING TOOLS:

Tap water.

### PACKING:

US Gallon.

18 Ltrs. Drum.

Gallon: Base 3 Ltr.( Tint able base by coloring machine).

Drum: Base 17 Ltr.( Tint able base by coloring machine).

### SHELF LIFE:

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

### SAFETY PRECAUTIONS:

During application of Solvent-Borne paint, contact of liquid paint and thinner with eyes and skin, inhalation of paint mist and solvent vapour, should be strongly avoided. In painting time, smoking is not allowed. When working with Solvent-Borne paint in in-sufficient ventilated areas, forced ventilation system should be provided. Even ventilation system is provided during application of paint, eye, skin, respiratory protection are always recommended. All liquid paints should be kept away from 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.