

DESCRIPTION:

An excellent quality matt finish emulsion paint for exterior applications based on acrylic emulsion. It provides excellent weather resistance and outdoor durability.

RECOMMENDED USE:

Recommended to use as a finish coat on concrete, cement, gypsum, hard board and brick surfaces for exterior applications. It is highly recommended for that area where weather resistance is very important. Also, it can be applied for interior applications.

CHARACTERISTICS:

"Al-Jazeera Royal Acryl" has the following features:

- Weather resistance property.
- Excellent adhesion property.
- Excellent scrub and water resistance property.
- Excellent UV resistance.
- Good colour retention property.
- Smooth and leveling property.
- 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.
- Meets MPI standard # 10

PHYSICAL CONSTANTS:

Finish:	Matt.
Colour:	Produced in white and other colours as per Al-Jazeera Colour card.
Specific Gravity:	1.50±.03 at temperature of 25°C. ASTM D1475.
Viscosity:	110±5 KU at temperature of 25°C. ASTM D562.
Volume Solid:	40 %. ASTM D2697.
D.F.T.:	40 µ each coat.
Theoretical Spreading Rate:	6.6 m ² /Kg (401 ft ² / 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).
Hiding:	Above 95 % at W. F. T 100 µ. D2805 -96a
Sagging:	200 µ, ASTM D4400.
Water Resistance:	Pass, 7 days, ASTM D 870
Alkali Resistance:	Pass, 7 days (1 % solution), ASTM D1308
Salt Resistance:	Pass, 7 days (1.5 % solution), ASTM D1308
Adhesion:	Pass, ASTM D3359 -2
Flexibility:	Pass, 3 mm. Diameter, ASTM D522
Freeze-Thaw Stability:	Pass, 3 cycles, ASTM D2243.
Heater Stability:	Pass, 30 days at 52°C. ASTM D 1849
VOC :	4.6g/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. A suitable quantity of " Tap water" can be added to get reasonable viscosity for application.
5. Do not apply on wet and moistened surfaces until get completely dry.
6. Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.
7. Adequate ventilation should be provided during drying time.

APPLICATION TOOLS:

- **Airless spray:** Larius – Excalibur
Nozzle orifice : 0.017-0.021"
Nozzle pressure : 15 MPa (2100psi)
- **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.

THINNER:

Recommended thinner is " Tap water".

THINNING RATIO:

- (0 - 10)% by volume for airless spray gun applications.
 - (20 - 30)% by volume for spray gun applications.
 - (10 – 20)% by volume for roller & brush applications.
- Depends on the weather conditions at work place.

*Test report available on request.

Disclaimer

Issued 2013

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.

AL-JAZEERA ROYAL ACRYL

JA-15002

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 Royal 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 Royal Acryl".

DRYING TIME:

- Surface dry 30 minutes.
 - Full dry 2 hours.
 - Recoating interval 4 hours. (minimum)
- All above results according to ASTM D5895 @25 °C.

CLEANING TOOLS:

Tap water.

PACKING:

- 1 US Gallon.
- 28 Kg. 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 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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