

DESCRIPTION:

100% pure acrylic water based paint with smooth silky effect for interior applications, based on unique self cross-linking technology to offer the paint an excellent adhesion as well as a very good washability with water and detergents and it passed 7000 cycles at Dortmund University in Germany. Minimize adhesion of dirt spots, very low (VOC) to compatible with the highest global requirements for maintaining the environment.

RECOMMENDED USE:

Recommended to use as a finish coat on concrete, cement, gypsum, hardboard and brick surfaces for interior applications, where easy clean and excellent washability is required such as hotels, hospitals, airports, schools, houses, palaces, residential complexes and any populous places.

CHARACTERISTICS:

"Al-Jazeera Novel" has the following features:

- Environmentally responsible.
- Reduces the adhesion of dirt and spots.
- Excellent adhesion over concrete, cement and brick surfaces.
- Excellent color retention.
- Formaldehyde free.
- APEO free.
- Ammonia free
- Very Low VOC (Volatile Organic Components) (Low Odor).

CERTIFICATES:

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

PHYSICAL CONSTANTS:

Finish:	Smooth finish.
Colour:	Produced in white and other colours of "Al-Jazeera Paints" colour card.
Specific Gravity:	1.28 at temperature of 25°C. ASTM D1475.
Viscosity:	105 KU at temperature of 25°C. ASTM D562.
Volume Solid:	40 %. ASTM D2697.
D.F.T.:	40 µ each coat.
Theoretical Spreading Rate:	10.5 m ² /L (421.1 ft ² / US gallon) at D.F.T. 40µ. (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 D1735-04
Alkali Resistance:	Pass, 7 days (5 % solution), ASTM D1308-02
Salt Resistance:	Pass, 7 days (1.5 % solution), ASTM D1308.
Adhesion:	Pass, ASTM D3359-2.
Flexibility:	Pass, 6mm. Diameter, ASTM D522-93a

Freeze-Thaw Stability: Pass, 3 cycles, ASTM D2243.

Heater Stability: Pass, 30 days at 50°C.

VOC: 1.3g/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** : Larius – Excalibur
Nozzle orifice : 0.015-0.021"
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.
 - (15 - 25) % by volume for spray gun applications.
 - (10 – 15) % by volume for roller & brush applications.
- Depends on the weather conditions at work place.

PAINTING SYSTEM:

For interior surfaces:

- Apply one coat of "Al-Jazeera Primex" or any other suitable type of Al-Jazeera primers, depending on the surface and leave for full dry.

*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.

AI-JAZEERA NOVEL

JA-16024

- Apply two coats of "Al-Jazeera Easy Putty" .Then sand the surface with sanding paper and clean the dust coming from the sanding.
- Apply two coats of "Al-Jazeera Novel".

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:

1 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 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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