

Technical Data Sheet

JAZEERA AFRW RASIF

JA-17011

Description:

A water borne paint, based on special acrylic emulsion, characterized by high quality durability, withstand harsh weather conditions and color retention. It is specially designed by a modern, sophisticated, cross-linking technology, to be applied on pavements and gives them a wonderful aesthetically look with its different colors.

Recommended Use:

Recommended to use as a paint for pavement on cement and concrete surfaces to withstand the harsh conditions in the Middle East, and the use of "Jazeera Silane Primer" as a primer is preferable in case of availability of moisture and alkalinity.

Characteristics:

- Excellent resistance to UV over 1700 hours for whole colors.
- Very clear and beautiful of chosen colors.
- Free of lead and chrome.
- Excellent color retention.
- High durability and hardness.
- Fast drying.
- Excellent resistance to water .
- Excellent dirt pick up resistance.
- Low (VOC).
- Environmentally responsible.

Physical Constants:

• Finish:	Semi Gloss.	
• Color:	White and other colors as per "Jazeera AFRW Rasif" catalog.	
• Specific Gravity:	1.15 @ 30°C.	ASTM D1475.
• Viscosity:	97 @ 30°C.	ASTM D562.
• Volume Solid:	38 %	ASTM D2697.
• D.F.T.:	40 μ each coat	
• Theoretical Spreading Rate:	9.5 m ² /L @ 40 μ . D.F.T.	

Teast

• 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.
• Heater Stability:	Pass 49 days at 50°C.	ASTM D1849.

Surface Preparation:

- The surface must be treated by removing all forms release and protrusions to get a suitable surface for application.
- Remove old paint from surfaces completely.
- Make sure that the surface is clean , dry , free from dust, oil, grease, salt and mold.

Application Guide:

1. The surface must be free from dust , grease, oil and other contaminants completely.
2. The required temperature during application must not be less than 5°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 water can be added to get reasonable viscosity for application.
5. Do not apply on wet and moistened surfaces until get completely dry.



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APPLICATION CONDITIONS:

- Application temperature more than (5°C) & maximum 40°C.
- Surface temperature should be at least (3°C) above dew point.
- Relative humidity: maximum 85%.

Application Tools:

Spray gun: Recommended nozzle size: (1.5 – 1.8) mm.
Roller / Brush : Suitable type.

Thinner:

Tap water.

Thinner Ratio:

- (5-10) % by volume for Spray Gun applications.
- (0-5) % by volume for Roller & Brush applications.

Depends on the weather conditions at work place.

Painting System:

- Apply one coat of Jazeera Silane Primer (if required).
- Apply one coat of Jazeera Afrw Rasif.

Drying Time:

Surface dry 1 hr.
Full dry 4 hrs.
Recoating interval (minimum) 8 hrs.
All above results according to ASTM D5895 @25°C.

Cleaning Tools:

Tap water.

Packing:

- 1 USG & 18 Ltr. Drums.

Shelf Life & Storage:

Shelf life : 24 months @ 25 °C.

Storage: The container should be kept in sealed, dry, cool, well ventilated place and stored in accordance with national regulations.

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Safety Precautions:

Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.

- Handle with care before and during use.
- 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 .
- 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 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 Jazeera TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Jazeera quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.