

## Technical Data Sheet

### JAZEERA AFRW AMAN

### JA-17012

#### Description:

A high quality water borne paint, based on special acrylic emulsion, with modern sophisticated, cross-linking technology, characterized by high durability, withstand harsh weather conditions and color retention. It's specially designed to be applied on concrete barriers for warning of road risks.

#### Recommended Use:

Recommended to use as a paint on concrete barriers for warning of work areas excavations and detours. And can be used as a base coat for "Jazeera Afrw Aman Akis"

#### Characteristics:

- Excellent resistance to UV over 1700 hrs (whole colors).
- Very clear and beautiful of chosen colours.
- High durability and hardness.
- Fast drying.
- High resistance to dirt pick up.
- Excellent resistance to water.
- Low (VOC).
- Environmentally responsible.
- Free from APEO and formaldehyde.
- Free of lead, chrome and molybdate .

#### Physical Constants:

• Finish:	SemiGloss.	
• Color:	White and other colors as per "Jazeera AFRW Aman" catalog.	
• Specific Gravity:	1.15@ 30°C	ASTM D1475.
• Viscosity:	97 KU @30°C	ASTM D562.
• Volume Solid:	38 %	ASTM D2697.
• D.F.T.:	Recommended D.F.T is 40 µ each coat	
• Spreading Rate:	Theoretical spreading rate: 9.5 m²/L at D.F.T. at 40 µ.	

#### Tests:

• 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:

- The surface must be removed from dust , grease, oil and other contaminants completely.
- The required temperature 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%.
- Maximum pH of 9.
- Paint should be stirred carefully before use.
- Do not apply on wet and moistened surfaces until get completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.

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**Application Tools:**

- Spray gun: Recommended nozzle size: (1.5 – 1.8) mm.

**Thinner**

- Tap water.

**Thining Ratio:**

- 5-10%

**Painting System:**

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

**Drying Time:**

- Surface dry 1 hour.
- Full dry 4 hrs.
- Over coating interval (minimum) 8 hrs.

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

**Cleaning Tools:**

- Tap water.

**Packing:**

- 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.

**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.
- Recommended to use the product in well-ventilated area when applying the paint in insufficient ventilated areas, forced ventilation should be provided.
- 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.

**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.