

Technical Data Sheet
JAZEERA AFRW
JA-17006

Description:

A high quality, water borne paint, **100%** acrylic, based on cross-linking technology, especially designed for traffic marking and floors, low VOC, lead free with high durability. It dries rapidly and forms tough film with glass beads, super adhesion with asphalt, concrete and epoxy floor coating surfaces.

Recommended Use:

Recommended to use for traffic marking, striping highways, streets, driveways, parking lots and runways. It is applied on asphalt and concrete surfaces with glass beads.

Characteristics:

- High Durability and hardness.
- Fast drying
- Short traffic open time.
- Can be applied over new and hot surfaces.
- Excellent adhesion to various road surfaces.
- Strong adhesion with glass beads.
- Excellent resistance to rain falls after application.
- Low VOC & environmentally responsible.

Certificates:

Jazeera Afrw meets the Federal Specification TT-P-1952E Type III according to Athena university test.

Physical Constants:

• Finish:	Matt.	
• Color:	Produced regarding to FED-STD-595 for color.	
• Volume Solid:	60 %	ASTM D2697.
• Viscosity:	85 ±3 KU @ 25°C.	ASTM D562.
• Specific Gravity:	1.68±0.1 @ 25°C.	ASTM D1475.
• D.F.T:	250-500 μm per coat.	
• Theoretical Spreading Rate:	1.2-2.4 m²/L .	

(to avoid waste, be sure to buy theright amount of the paint for the surface area required).

Tests:

• Adhesion:	Pass	TT-P-1952E
• Flexibility :	Pass	TT-P-1952E
• Heater Stability:	Pass 2 weeks @ 52°C	TT-P-1952E
• Water Resistance:	Pass	ASTM D870
• Abrasion:	Pass	ASTM D968-16 Method A
• VOC	LT 5.0 g/L	ASTM D2369-10.
• Lead Content (wt.%):	LT-0.01	ASTM D3335-85a
• TiO2 (wt.%):	9.2 (Afrw Yellow) - 0.2 (Afrw White)	ASTM D1394-76

Surface Preparation:

- The surface must be treated by removing all forms releaseand 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.

Technical Data Sheet

JAZEERA AFRW

JA-17006

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.

DFT Glass Beads Types

150-300 For Type I Fedral : Type I AASHTO

200-300 For Type III Fedral

500-590 For Type IV Fedral : Type III AASHTO

Application Tools:

Airless spray machine : Recommended Nozzle size :0.48 mm. (approximately).

Brush or Roller :Suitable type

Thinner:

Tap water.

Thinner Ratio:

- (0 -5) % By volume. for airless spray machine applications.
- (0 -5) % by volume for roller & brush applications.

Depends on the weather conditions at work place.

Painting System:

Apply one coat of "Jazeera AFRW".

It can be applied with or without glass beads.

Drying Time:

Surface Dry 5 minutes.

Open to traffic 30 minutes.

Hard dry 8 hours.

All the above results tested according to ASTM D5895.

Cleaning Tools:

Tap water.

Packing:

US Gallon.

Drum: 18 Ltr.

Shelf Life & Storage:

Shelf life : 12 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.