

Technical Data Sheet
JAZEERA EVER PRIMER
J1-51003

Description:

A premium quality, low VOC, water borne special acrylic primer with excellent corrosion protection to steel, galvanized steel and aluminum surfaces .

Recommended Use:

Can be used as an anticorrosive primer where low VOC and environmentally responsible are required, on galvanized steel, ferrous metals like steel and iron and aluminum.

Also can be used as a primer under alkyds and most water based topcoats on these surfaces.

Characteristics:

- Excellent corrosion protection to applied surfaces
- Environmentally responsible, low VOC content.
- Excellent adhesion to old painted substrates.
- Fast drying.

Physical Constants:

• Finish:	Low sheen		
• Color:	White, Grey and Red oxide		
• Volume Solid:	40% ,	ASTM D2697	
• Viscosity:	90 KU @25°C,	ASTM D562	
• Specific Gravity:	1.28	ASTM D1475	
• D.F.T.	40 µm		
• Theoretical Spreading Rate:	10 m ² /Ltr.at D.F.T. 40 µm		

Tests:

• VOC content	50.2 g/L	ISO 11890-2:2020	METS, UAE
• VOC Emission After Application	Pass	LEED Requirements - Ver.4	METS, UAE

Surface Preparation:

- Remove all visible surface deposits such as grease, oils with suitable detergent per (SSPC-SP1).
- Remove salt and other contaminants by washing using high pressure fresh water.
- Any fabrication defects such as weld spatter, delamination, sharp edges and weld slag should be repaired prior to surface preparation.
- The surface must be prepared according to Sa 2½ (NACE No.2/SSPC-SP10).

Application Condition:

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

Painting System:

- Primer: Apply one coat of "Jazeera Ever Primer".
- Topcoats: Overcoated with water based paints.

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Application Method and Thinning:

THINNER: Tap Water.

Application Method	Airless Spray	Air Spray	Brush/Roller**
Thinning (by volume)*	(0-5)%	(15-20)%	(0-5)%
Nozzle Orifice	0.015-0.021"	1.5- 1.8 mm	N/A
Nozzle Pressure	15 MPa (2100psi)	29.0-43.5psi	N/A
Spray Angle	40-80°	50-80°	N/A

* Depends on the weather condition at work place.

** Recommended for stripe coat and small areas.

Film Thickness and Spreading Rate:

	Minimum		Maximum		Recommended	
	(μ m)	mil	(μ m)	mil	(μ m)	mil
Dry Film Thickness (DFT)	25	1	75	3	40	1.6
Wet Film Thickness (WFT)	61	2.4	183	7.2	98	3.9
	m ² /l	ft ² /USgal	m ² /l	ft ² /USgal	m ² /l	ft ² /US gal
Theoretical Spreading Rate	16	642	5.3	214	10	401

Drying Time and Recoating:

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Temperature	25°C/77°F
Relative humidity	50%
Surface dry	30 min
Hard dry	4 hours
Dry to recoat, minimum*	4 hours
Dry to recoat, maximum*	48 hours
Full cure	7 days

Note: All records given in the table are typical at: recommended film thickness, good ventilation and one coat system.

*The surface should be dry and clean prior to application. The best time to recoat is before previous coat is cured. If this time is exceeded, the surface may need to be roughened slightly.

Cleaning Tools:

Tap water.

Packing:

- Packed in: US Gallon
Drum 18 Ltr

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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Handling and Safety:

- 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.