

Technical Data Sheet

JAZEERA RUST PRIMER

JA-11036

Description:

High quality water borne primer based on pure acrylic polymer, specially designed as an undercoat for “Jazeera Iron Rust” and “Jazeera Pati Rust”.

Recommended Use:

Recommended to use as an intermediate coat for “Jazeera Iron Rust” and “Jazeera Pati Rust” on concrete, cement, gypsum and brick surfaces for interior applications. It provides a complete system with high adhesion and durability.

Characteristics:

- Optimum sealing property.
- High durability.
- Excellent resistance to water and alkali.
- Excellent resistance to moisture.
- Excellent adhesion to substrate and subsequent coats.
- Fast drying and easy to apply.

Physical Constants:

• Finsh	Matt.	
• Color	Clear.	
• Specific Gravity	1.2	ASTM D1475
• Viscosity	90 KU	ASTM D562
• Volume Solid	40 %	ASTM D2697
• D.F.T	40 μ. Each coat.	
• Theoretical Spreading Rate*	10 m ² /L	
• Freeze-Thaw Stability:	Pass, 3 cycles,	ASTM D2243
• Heater Stability:	Pass 30 days at 50°C	ASTM D1849

Surface Preparation:

- All new surfaces shall be cured at least 28 days prior to application of the primer.
- Remove old paints completely from previously painted surfaces .
- The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops.
- Make sure that the surface is clean, dry, free from dust, oil, grease, salt and mold .
- Fill the holes and cracks with suitable fillers such as "Jazeera Ultimate", "Jazeera Unique Filler" or "Jaz Epoxy Crack Filler ESP" prior to application of the primer (Refer to TSD).

Application Guide:

1. 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 should not exceed 70%.
2. pH of surface should not exceed 9.
3. Paint should be stirred carefully before use.
4. Do not apply on wet and moistened surfaces until completely dry.
5. Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
6. Adequate ventilation should be provided during application.

Application Tools :

- Roller: Soft and smooth roller
- Brush: Suitble type.

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Thinner:

- Not recommended.

Painting System:

- Apply one coat of "Jazeera Green Prime"
- Apply two coats of "Jazeera Extreme"
- Apply two coats of "Jazeera Rust Primer".
- Apply two coats of "Jazeera Iron Rust" or "Jazeera Pati Rust" or mixed according to desired shape (refer to product catalog).
- Apply "Jazeera Rust Activator" according to desired shape and make the required design by brush, sea sponge or cotton cloth. (refer to product catalog).
- Apply two coats of "Jazeera Rust Clear".

Drying Time:

- Surface dry 30 minutes.
- Hard dry 2 hours. (minimum)
- Recoating interval 6 hours. (minimum)
- Full cure 7 days.

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

Cleaning time :

- Tap water.

Packing:

Plastic gallon 3L.

Shelf Life & Storage:

Shelf life : 12 months @ 25 °C.

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

Safety Precautions:

- During application of Solvent-Base paint, contact of liquid paint and thinner with eyes and skin, inhalation of paint mist and solvent vapour, should be strongly avoided.
- In painting time, smoking is not allowed. When working with Solvent-Base paint in insufficient ventilated areas, forced ventilation system should be provided. Even ventilation system is provided during application of paint, eye, skin, respiratory protection are always recommended.
- All liquid paints should be kept away from 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.