

Technical Data Sheet
JAZEERA BLOCKING PRIMER
JA-41005

Description:

A high quality solvent based primer and sealer, based on a special synthetic copolymer, with outstanding alkali resistance and excellent penetration and protection.

Recommended Use:

Recommended to use for interior and exterior applications on concrete, cement plasters and gypsum surfaces. It is considered the ideal primer in case of maintenance.

Characteristics:

- Perfect penetration into substrate.
- Provides an effective barrier coat against alkali.
- Excellent resistance to water.
- Excellent resistance to moisture.
- Excellent adhesion to substrate and subsequent coats.
- Fast drying and easy to apply.

Physical Constants:

• Finsh	Matt.	
• Color	White .	
• Specific Gravity	1.27	ASTM D1475.
• Viscosity	68 KU	ASTM D562.
• Volume Solid	37 %	ASTM D2697.
• D.F.T	40 μ . Each coat.	
• Theoretical Spreading Rate*	9.25 m ² /L at D.F.T. 40 μ .	
• Flash Point	43°C.	
• VOC	529 g/L.	

*The practical spreading rate of the product depends on the surface, ambient temperature, application method, actual DFT and the wasted amount.

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

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.



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Application Tools :

- Air spray : Nozzle size: (1.5 - 1.8) mm.
- Roller: Soft and smooth roller
- Brush: Suitble type.

Thinner:

- Ready to use without thinning.

Painting System:

Apply one coat of "Jazeera Blocking Primer ".

Drying Time:

- Surface dry 30 minutes.
- Hard dry: 4 hours.(minimum)
- Recoating interval 4 hours.(minimum)
- Full cure: 7 days.

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

Cleaning time :

Jazeera Thinner 505.

Packing:

1 USG.
18 Ltr. Drum.

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 in-sufficient 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.