

Technical Data Sheet

JAZEERA SILANE PRIMER

JA-41003

Description:

A high quality, solvent borne clear primer, based on silane-siloxane and acrylic, It has an excellent adhesion and high sealing properties. It provides excellent resistance to weather conditions, superior durability and high resistance to alkali.

Recommended Use:

Recommended to use as primer coat for exterior and interior applications on concrete, cement, and brick surfaces. It is specially recommended to protect the concrete structures from attack by acid gases, chloride ions and water.

Characteristics:

- Excellent adhesion on surfaces and with subsequent coats.
- High sealing into fairface and smooth surfaces.
- Excellent alkali resistance.
- High durability and excellent resistance to weather conditions.
- Fast drying.
- Excellent water repellent.
- High resistance to acid gases and chloride ions.

Physical Constants:

• Finish:	Matt
• Color :	Clear.
• Volume Solid:	10 ± 2 % ASTM D2697
• DFT	(10 - 12.5) μ. Depends on the nature of the surfaces and application conditions.
• Theoretical Spreading Rate*	(8-10)m ² /Lt.
• VOC :	771 g/L (theoretical) as per ISO, EU.
• Flash Point:	35 ±3 °C.

*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 "Jazeera Epoxy Crack Filler 400" prior to application of the primer (Refer to TSD).

Application Guide:

- 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%.
- pH of surface should not exceed 9.
- Paint should be stirred carefully before use.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
- 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: Suitable type.

Thinner:

Ready to apply.

Painting System:

- Apply one coat of "Jazeera Silane Primer".
- Apply any of interior or exterior architectural painting system from "Jazeera Paints".

Drying Time:

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|----------------------|--------------------|
| • Surface dry | 3 hours |
| • Hard dry | 6 hour. |
| • Recoating interval | 6 hours. (minimum) |
| • Full cure | 7 days. |

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

Cleaning Tools:

"Jazeera Thinner 505".

Packing:

18 Lt. 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.