

Technical Data Sheet
JAZEERA ONE COAT
JA- 15031

Description:

A water borne paint which is based on a secret tailor-made emulsion, a special titanium dioxide and finest quality mineral fillers. It has been designed to cover in one coat if applied in 8m² /ltr basis.

Recommended Use:

Recommended to be used as matt final coat with smooth touch for interior applications on concrete, cement, gypsum and brick surfaces in palaces, hotels, airports, hospitals, schools, houses etc..

Characteristics:

- It complies with DIN EN ISO 13300: (Scrub resistance class2 and hiding power class1).
- Imparts a durable and washable film.
- It saves efforts cost and time required for application.
- Excellent adhesion.
- Excellent Hardness.
- Formulated APEO and ammonia free.
- Ultra low VOC and extremely low odor.
- A wide range of colors.
- Antibacteria inside can.

Physical Constants:

• Finish	Matt.	
• Color	White and other colors as per Jazeera Color card.	
• Gloss	3±1 at an angle of 60°	ASTM D523.
• Specific Gravity	1.40 ±0.03 @temperature of 25°C.	ASTM D1475.
• Viscosity	105 ± 3 KU @temperature of 25°C.	ASTM D562.
• Volume Solid	37 %.	ASTM D2697.
• DFT	45 ± 2 μ each coat.	
• Theoretical Spreading Rate*	8m ² /Lt@ D.F.T. 45 μ.	

Tests:

• Alkali Resistance	Pass, 7 days (1 % solution)	ASTM D1308
• Water Resistance	Pass, 7 days	ASTM D870
• Adhesion	Pass,	ASTM D3359.
• Flexibility	Pass, 3 mm. Diameter	ASTM D522
• Freeze-Thaw Stability:	Pass, 3 cycles	ASTM D2243.
• Heater Stability:	Pass 49 days at 50°C.	

*The practical spreading rate of the product depends on the surface, ambient temperature, application method, actual thickness of the dry coat of the product and the wasted amount. (to avoid waste, be sure to buy the right amount of the paint for the surface area required)

Surface Preparation:

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).
- If there are large meanders in the surface, they should be leveled by using "Jazeera Matrix".



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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. A suitable quantity of "Tap water" can be added to get reasonable viscosity for application.
5. Do not apply on wet and moistened surfaces until completely dry.
6. Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
7. Adequate ventilation should be provided during application.

Application Tools:

Airless spray	:	Nozzle Orifice	:	0.015-0.021"
		Nozzle Pressure	:	15 MPa (150 Bar)
		Spray Angle	:	40-80°
Spray Gun	:	Recommended Nozzle size	:	(1.5 - 1.8) mm.
Roller	:	Recommended Type	:	Soft and smooth roller.
		(Recommended type)	:	Dekor Nardeen 8009 - code: 1093)
Brush	:	General / Normal type.		

Thinning Ratio:

Recommended thinner is "Tap Water".

Thinner:

- (0 - 10)% by volume for airless spray gun applications.
 - (20 - 30)% by volume for spray gun applications.
 - (10 - 20)% by volume for roller & brush applications.
- Depends on the weather conditions at work place.

Painting System:

- **Primer** : Apply one coat of "Jazeera Green Prime".
- **Intermediate Coat** : Apply two coats of "Jazeera Green Putty".
- **Finish coat** : Apply one coat of "Jazeera One Coat".

Drying Time:

- **Surface dry** : 45 - 60 minutes.
- **Full dry** : 4 hours.
- **Recoating interval** : 8 hours. (minimum)

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

Drying Time:

Surface Dry	(45-60) min.
Hard dry	4 hours.
Recoating interval	8 hours (minimum).
Full cure	7 days.

All above drying time tested according to ASTM D5895@25°C. For the best performance, it is recommended to allow the paint to cure 7 days after paint application.

Cleaning Tools:

Tap water.



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Packing:

1 US Gallon & 16.2 Ltr. Drum.

Gallon: Base 3 Ltr. (Tint able base by coloring machine).

Drum: Base 16.2 Ltr. (Tint able base by coloring machine).

Shelf Life And 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. When working with paint in insufficient 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.

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.