

## Technical Data Sheet

### JAZEERA GREEN SILK

#### JA-16048

#### Description:

A high quality silk emulsion topcoat paint, based on pure acrylic polymer designed to provide exceptional hiding and leveling properties, it keeps indoor air quality cause it's very low VOC content.

#### Recommended Use:

Recommended to use for interior application on concrete, cement, gypsum and brick surfaces such as houses corridors, restaurants, halls, gym, lobby and offices.

#### Characteristics:

- Outstanding hiding power.
- Outstanding color retention.
- Excellent smoothness and leveling.
- Easy application, no spattering.
- Excellent adhesion.
- Antibacteria inside can.
- Ultra low VOC and extremely low odor.
- Formulated without APEOs, formaldehyde and ammonia.
- Very good washability.

#### Certificates:

- In accordance with the SASO standard No.: 470 / 2016.

#### Physical Constants:

• Finish	Silk.	
• Color	White and other colors as per Jazeera color card	
• Specific Gravity	1.30	ASTM D1475
• Viscosity	100 KU	ASTM D562
• Volume Solid	40 ± 2 %	ASTM D2697
• D.F.T.	30 - 50 µ each coat	
• Theoretical Spreading Rate*	8 - 13.33 m <sup>2</sup> /L.	

#### Tests:

• Adhesion	3.24 N/mm <sup>2</sup>	ASTM D7234	Wimpey Laboratory - U.A.E.
• Scrub Resistance	Pass	ASTM D2486	Wimpey Laboratory - U.A.E.
• Applicability (Flow & Leveling)	8/None	ASTM D7073	Wimpey Laboratory - U.A.E.
• Hiding power	96.7%	ASTM D2805	Wimpey Laboratory - U.A.E.
• Washability	pass	ASTM D4828	Wimpey Laboratory - U.A.E.
• Impact Resistance	No cracks were observed	ASTM D2794	Wimpey Laboratory - U.A.E.
• VOC	<0.1 g/L	ISO 11890-2:2013	DCL - UAE.
• VOC Emission After Application	Pass	LEED Requirements - Ver.4	Intertek , USA
• MPI	Meets MPI Standard #52.		

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

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#### 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.
  - A suitable quantity of "Tap water" can be added to get reasonable viscosity for application.
  - 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 and drying.

#### Application Tools:

- Airless spray:
  - Nozzle orifice : 0.015-0.019"
  - Nozzle pressure : 15 MPa ( 2100psi)
  - Spray angle : 40-60°.
- Air spray : Nozzle size: (1.5 – 1.8) mm.
- Roller: Soft and smooth roller (Recommended type: Dekor Nardeen 8009 - code: 1093).
- Brush: Suitable type.

#### Thinner:

Tap water.

#### Thinning Ratio:

(0 – 10)% by volume for airless spray.  
 (10 – 15)% by volume for air spray.  
 (10 – 15)% by volume for roller and brush.  
 All above depend on the weather and application conditions.

#### Painting System:

- Apply one coat of "Jazeera Green Prime" or any other suitable type of Jazeera primers, depending on the surface nature and let for full dry.
- Apply two coats of "Jazeera Green Putty".
- Apply two coats of "Jazeera Green Silk".

#### Drying Time:

Surface dry: 30 minutes.  
 Hard dry: 4 hours.  
 Recoating interval: 8 hours. (minimum)  
 Within 48 hours (maximum).  
 Full cure 7 days.  
 All above results according to ASTM D5895.

#### Cleaning Tools:

Tap water.

#### Packing:

3.65 Ltr Gallon.  
 18 Ltr Drum.  
 Gallon: Base 3 L.( Tintable base by coloring machine).  
 Drum: Base 16.2 L.( Tintable base by coloring machine).

#### 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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**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.