

Technical Data Sheet

JAZEERA GREEN SILK FLEXY

JA-16055

Description:

A high durable flexible silk topcoat paint, based on pure acrylic emulsion. It provides high adhesion strength with various types of substrates and exceptional hiding ceiling defects also high anti-carbonation and crack bridging ability.

Recommended Use:

Recommended to use for exterior and interior applications on concrete, black steel, galvanized steel, aluminum, plastic, polyethylene and all types of PVC surfaces when it requires exceptional properties to cover defects and bridge cracks in commercial centers, car parks, warehouses, large halls, gyms and modern houses.

Characteristics:

- Excellent ability to cover ceiling defects.
- Self-primer applied directly to ceilings.
- Excellent adhesion strength to variety of surfaces.
- Excellent resistance to microbes (bacteria & fungi).
- High anti-carbonation property
- High smoothness & leveling.
- High flexibility.
- High crack bridging ability.
- Flame spread resistance.
- Superior durability.
- High solar reflectance for white and light colors.
- Meets MPI Standard #155.

Physical Constants:

• Finish	Silk		
• Color	Black, white and limited colors		
• Specific Gravity	1.16	ASTM D1475	
• Viscosity	105KU	ASTM D562	
• Volume Solid	33%	ASTM D2697	
• DFT	30-50 µ each coat		
• Theoretical Spreading Rate*	6.6 - 11 m ² /L		

Tests:

• VOC	22.8 g/L.	ASTM D2369, D3960	
• MPI	Meets MPI Standard #155.		MPI
• Opacity	98.81%	ASTM D2805	Wimpey Laboratories - Dubai
• Pull-Off Strength	1.47 N/mm ²	ASTM D4541	Wimpey Laboratories - Dubai
• Cleanability	Pass	ASTM D3450	Wimpey Laboratories - Dubai
• Scrub Resistance	Pass	ASTM D2486	Wimpey Laboratories - Dubai
• Flame Spread Resistance	Pass	ASTM E84	Exova
• Anti-bacterial	Pass	JIS Z 2801:2010	AM Solutions-Poland
• Fungal Resistance	Pass	BS 3900: PART G6	AM Solutions-Poland
• VOC Emission After Application	Pass	LEED Requirements - V4	Intertek , USA

*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:

Concrete Surfaces:

- 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).

For different surfaces:

- Remove all visible surface deposits such as grease, oils, dust, soils, salt and other contaminants.
- Make the surface smooth by sanding with sand paper and clean it well prior to application.



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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.

Application Tools:

- 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.
 - (15 – 25) % 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 two coats of "Jazeera Green Silk Flexy" directly.

Drying Time:

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

Cleaning Tools:

- Tap water.

Packing:

- 3.65 Ltr Gallon.
- 16.2 Ltr Drum (Tintable base).
- 18 Ltr Drum.

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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.