

Technical Data Sheet

JAZEERA THERMOCRYL GLOSS

JA-48001

Description:

A high quality fast drying gloss topcoat paint, based on special solvent borne acrylic resin.

Recommended Use :

Recommended to use for exterior applications in residential buildings and industrial constructions, on concrete, cement, gypsum and brick surfaces. It can be used over any of Jazeera textures.

Characteristics :

- Good resistance to weather conditions.
- Good resistance to UV.
- Excellent color retention.
- High resistance to abrasion
- Washable with water and soft detergents.
- Non-yellowing.
- High gloss finish.
- Fast drying.

Physical Constants:

• Finish	High gloss.	
• Gloss	Above 90 at 60°	ASTM D523
• Color	White and other colors as per Jazeera Color Card.	
• Specific Gravity	1.16	ASTM D1475
• Viscosity	86 KU	ASTM D562
• Volume Solid	44 %	ASTM D2697
• D.F.T	40 μ. each coat.	
• Flash Point	28°C.	
• Theoretical Spreading Rate*	11 m ² /L at D.F.T. 40 μ.	

Tests:

• Scratch Resistance	Pass	ASTM D5178
• Water Resistance	Pass	ASTM D870

*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. A suitable quantity of "Jazeera Thinner 505" 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.



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Application Tools :

- Airless spray
 - Nozzle orifice : 0.015-0.019"
 - Nozzle pressure : 15 MPa (2100psi)
 - Spray angle : 40-600
- 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 :

Jazeera Thinner 505.

Thinning Ratio :

- (0 – 10)% by volume for airless spray.
 - (25 – 35)% by volume for air spray gun.
 - (15 – 20)% by volume for roller and brush.
- All above depends on the weather and application conditions.

Painting System:

For Interior Application

- Apply one coat of "Jazeera C Primer" or any other suitable type of Jazeera primers, depending on the surface nature and let for full dry.

For plain finish

- Apply two coats of "Jazeera Thermocryl Gloss".

For texture finish

- Apply one coat of any Jazeera textures
- Apply two coats of "Jazeera Thermocryl Gloss".

Drying Time:

- Surface dry : 1 hour.
- Hard dry : 4 hours.
- Recoating interval : 8 hours (minimum).
Within 48 hours (maximum).
- Full cure : 7 days.

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

Cleaning Tools :

Jazeera Thinner 505.

Packing:

3.65 L. Gallon.

18 L. Drum.

Gallon: Base 3 L. (Tintable base by coloring machine).

Drum: Base 17 L. (Tintable base by coloring machine).

Shelf Life And Storage:

Shelf life : 24 months @ 25 °C.

Storage: The container should be sealed and kept in 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.