

## Technical Data Sheet

### JAZEERA POLYCRETE FLAT CLEAR

#### JA-55002

#### Description:

A two-component excellent quality matt clear lacquer based on poly-urethane resin. It provides excellent mar and UV resistance with non-yellowing property.

#### Recommended Use:

Recommended to use as a clear topcoat for exterior and interior applications as protection and decoration on concrete, and cement surfaces.

#### Characteristics:

- Excellent UV resistance property.
- Excellent non-yellowing property.
- Excellent mar resistance.
- High transparency.

#### Physical Constants:

• Finish:	Matt.	
• Color:	Clear.	
• Specific Gravity:	0.96 (mixed paint),	ASTM D1475.
• Viscosity:	50 KU (mixed paint),	ASTM D562.
• Volume Solid:	20 %.	ASTM D2697.
• DFT:	25 $\mu$ . Each coat.	
• Theoretical Spreading Rate:	8 m <sup>2</sup> /L at DFT 25 $\mu$ .	
• VOC:	734g/L.	

#### Tests:

• Hardness:	Pass, 4 H Pencil,	ASTM D3363.
• Scratch Resistance:	Pass,	ASTM D5178.
• Bending:	Pass, 3 mm. Diameter,	ASTM D522.
• Adhesion:	Pass,	ASTM D3359.
• Impact Resistance:	Pass, 1Kg./ 1 meter / 16.3 mm. Diameter,	ASTM D2794.
• Water Resistance:	Pass,	ASTM D870.
• Chemical Resistance:	Pass,	ASTM D1308.

(to avoid waste , be sure to buy the right amount of the paint for the surface area required).

#### 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:

- 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 "Jazeera Thinner 507" can be added to get reasonable viscosity for application.
- Do not apply on wet and moistened surfaces until completely dry.
- The mixed paint should be used within potlife.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.
- Adequate ventilation should be provided during application and drying time.



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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.