

Technical Data Sheet

JAZTEEL

JI-38011

Description:

A decorative solvent borne metallic look topcoat paint, based on developed acrylic resin. It's available in gold, silver and bronze colors.

Recommended Use:

Recommended to use for exterior and interior applications as a decorative topcoat on steel, wooden works and gypsum art works. For exterior application "Jazeera Steelo Clear" should be applied as a protective topcoat.

Characteristics:

- Excellent adhesion.
- Polished metallic appearance.
- Fast drying.
- Easy to apply.
- Resistance to UV.

Physical Constants:

• Finish	Gloss.	
• Color	Gold, silver and bronze	
• Specific Gravity	0.96	ASTM D1475
• Viscosity	52 KU	ASTM D562
• Volume Solid	27.5 %	ASTM D2697
• D F T	25-40 μ each coat. If surface has high absorption, higher D.F.T may be needed.	
• Theoretical spreading rate	6.8 - 11 m ² /L.	

*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:

Steel surfaces:

- Remove all oils and lubricants using a suitable detergent
- Remove rust with sand blasting or grinding stone.
- Clean the surface of the dust using compressed air.

Wooden surfaces:

- Sanding the surface using suitable abrasives .
- Clean the surface of the sanding dust by a soft brush or compressed air.

Gypsum surfaces:

- Remove all oils and lubricants using a suitable detergent
- Sanding the surface using suitable abrasives .
- Clean the surface of the sanding dust by a soft brush or compressed air.

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.
- 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 time.

Application Tools :

- Air Spray : Nozzle size: (1.5 - 1.8) mm.
- Brush: General / Normal type.

Thinner:

- Jazeera Thinner 507 .

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Thinning Ratio:

- (10- 15) %by volume for spray applications.
- Depends on the weather and applications conditions.
- Ready to use for brush applications.

Painting System:

For metal surfaces:

- Apply one coat of "Jazeera Steelo Primer".
- Apply one coat of "Jazteel"

For wood surfaces:

- Apply one coats of "Jazeera Wood Rak Sanding Sealer"
- Apply one coat of "Jazteel"

For gypsum surfaces:

- Apply one coat of "Jazteel" directly.

For exterior application: Apply "Jazeera Steelo Clear" over "Jazteel" as a protective topcoat.

Drying Time:

- Surface dry: 15 minutes.
- Hard dry: 1 hour.
- Recoating interval: 1 hour (minimum).
- Full cure : 7 days.

All above results according to ASTM D5895 @25°C

Packing:

can 250 ml.
can 500 ml.

Shelf Life & Storage:

Shelf life : 12 months @ 25°C.

Storage: The container should be kept in sealed, dry, cool, well -ventilated place and stored in accordance with national regulations.

Handling and Safety:

- Clean up: Use "Jazeera Thinner 507" for tools cleaning and in case of spillage, absorb and dispose.
- Handling: Handle with care. Stir very well before use.
- Health and safety: Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product. During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapor should be strongly avoided. For spray application systems; applicator should wear protective clothing, gloves, also eye, skin and respiratory protection are always recommended. Keep away from reach of children.
- Ventilation: When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. In addition, respirators must be used by all applicator.
- Caution: This product contains flammable solvents, keep away from sparks and open flame. For information on LEL and TLV, please read the MSDS.
- 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.