

Technical Data Sheet

JAZEERA STANNIC

JI-68055

Description:

High quality decorative coating, consist of three components, based on water based epoxy resin and precious metals powder, characterized by modern decorative designs that give the surfaces luxury with a shiny magic metallic effect.

Recommended Use:

Recommended to use for interior applications as a finish coat on concrete, cement surfaces of palaces, offices, showrooms, hotels, restaurants, galleries, reception halls and luxury houses entrances.

Characteristics:

- Shining metallic appearance.
- Easy to apply and formation in various metallic shapes.
- Excellent color retention
- High washability.
- Resistance to household chemicals.
- Excellent resistance to fungi and bacteria.
- Excellent adhesion.

Physical Constants:

• Finish	Pure metal finish.
• Color	Available as per "Jazeera Stannic" catalog.
• Viscosity	high viscous.
• Theoretical Spreading Rate	0.4-0.6 m ² /Kg (per coat)
	Depending on the design, thickness of the coat, nature of the surface and application conditions.

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

Surface Preparation:

- All new surfaces must be cured at least for 28 days prior to application of the primer.
- For previously painted surfaces remove old paint completely.
- The substrate should have sufficient strength and free from unsounded areas, pug holes and protrusions.
- Make sure that the surface is clean, dry, free from dust, oil, grease, salt, mold.
- Fill the holes and cracks with suitable fillers "Jazeera Ultimate", "Jazeera Unique Filler" and "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 not exceed 70%.
- PH of surface should not exceed 9.
- Paint should be stirred carefully before use.
- Do not apply on wet surfaces until they are completely dry.
- 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.

Application Tools :

Steel trowel.
Stiff plastic brush (special).
Special putty knife.

Thinner:

Tap water.

Thinner Ratio:

3-5 % .

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Mixing:

Mixing ratio (by weight):

Base : Hardener : Powder

1 : 1.5 : 10

Mix base with hardener using a mechanical mixer at a low speed for 2 minutes.

Add the powder while mixing at low speed to obtain a homogenous mixture.

Pot Life:

45 minutes @25°C.

Painting System:

- Apply two coats of "Jazeera Extreme".
- Apply one coat of "Jazeera Matt Deco Primer" and leave for full dry.
- Apply one coat of "Jazeera Stannic" regularly by using steel trowel or special putty knife.

To obtain waves shape:

- Apply "Jazeera Stannic" by using steel trowel diagonally, intermittently.
- Polish the surface directly by using putty knife in the same direction.

To obtain icy shape:

- Apply "Jazeera Stannic" by using special putty knife in cross (X) method.

To obtain drops shape:

- Apply "Jazeera Stannic" by using steel trowel and make formation directly by special stiff plastic brush in transverse form.

Polishing:

To obtain a polished shiny metallic appearance, sanding should be carried out after 48-72 hours of application (depending on weather conditions) in three stages:

1-To remove the excesses, use the abrasive sanding discs 220, 320, 400 (respectively) at a minimum speed.

2-To obtain a smooth and leveling effect, use the abrasive sanding discs, 500, 800, starting at low to medium speed.

3-For polishing, use the abrasive sanding discs, 1500, 3000, 6000 (respectively) at minimum speed.

- Cleaning: Remove the dust of sanding by a paper towel.

Drying Time:

- Surface dry: 12 hours.
- Sanding & polishing: 48-72 hours.
- Recoating interval: 24 hours (Minimum)
- Full cure 7 days.

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

Cleaning Tools:

Tap water.

Packing:

- Packed in:

Base : 0.32 kg

Hardener : 0.48 kg

Powder: 3.2kg

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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.

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.