

Technical Data Sheet

JAZEERA 3D FLOORING

JI-68056

Description:

Two component solvent free amine cured epoxy flooring with self-smoothing and seamless properties. Specially designed to enhance the depth of the chosen image in addition to the exceptional transparency and high gloss, which gives an attractive decorative appearance.

Recommended Use:

It is used in interior applications as a topcoat paint on 3D panels, art posters and decorative designs on concrete floors in palaces, homes, hotels, offices, restaurants, luxurious reception halls and shopping malls.

Characteristics:

- Unique transparency and purity.
- High yellowing resistance.
- Easy to apply, gives a seamless and smooth surface.
- Self-leveling.
- Bubbles free.
- High durability and hardness.
- Superior scratch resistance.
- Easy to clean, dust free and hygiene.
- Excellent resistance to water and chemicals.
- Low odor, solvent free.
- Suitable for applying over 3D sheets, art posters and decorative shapes.

Physical Constants:

• Finish	Gloss.		
• Color	Clear.		
• Viscosity	High viscous.		
• Specific Gravity	1.01 (mixed paint)	ASTM D1475.	
• Volume Solid	100 %.	ASTM D2697.	
• DFT	1-5 mm.		
• Theoretical Spreading Rate	0.2 - 1 m ² /L.		
• Flash Point	Above 100°C.		

Tests

• VOC	<1 g/L.	CARB(SCM)2020 / SCAQMD rule 1113	METS-UAE
• VOC Emission After Application	Pass	LEED Requirements - Ver.4	METS UAE

Surface Preparation:

- All new surfaces must be cured at least for 30 days prior to application.
- The concrete substrate should be sound with minimum compressive strength 30 N/mm² and pull off strength 1.5 N/mm².
- Make sure that the surface is clean, dry, free from dust, oil, grease, salt, mold, all forms release agents /curing and old paint.
- The surface should be prepared by light grit blasting or surface grinding to achieve concrete surface profile CSP1-3 as per International Concrete Repaire Institute ICRI. No 310.2R / SSPC - SP 13 or NACE 6
- Fill the holes and cracks with "Jazeera Epoxy Crack Filler 400" or any suitable epoxy filler prior to application.
- Remove dust from the surface by vacuum machine.

Application Tools:

- Squeegee.
- Trowel / notched trowel.
- Spike Roller.

Application Conditions:

- Temperature during application should be more than (5°C).
- Surface temperature: at least (3°C) above dew point.
- Relative humidity: maximum 85%.
- Concrete moisture content should not exceed than 4%.



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Mixing Ratio:

- By Volume: Base Hardener
 2 : 1

Mixing procedure:

- Stir component A by using a low speed mechanical stirrer.
- Pour hardener into the paint gradually.
- Mix the two components continuously for 2 minutes until a homogenous mixture obtained.

Pot-Life:

45 minutes @ 25°C.

The mixture should be used within this potlife time.

Thinner:

- Not recommended.

Thinning Ratio:

- Ready to use.

Application Method

- Primer: Apply one coat of "Epoxy Sealer 400".
- Fix well 3D sheet or art posters after sealer drying.
- Topcoat: Pour "Jazeera 3D Flooring".

Drying Time:

- Touch dry: 5 hours.
- Dry to light traffic: 1 day.
- Full dry: 7 days.

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

Application Instructions:

- Do not apply on wet and moistened surfaces until they are completely dry.
- PH of surface should not exceed 9.
- Holes and crack should be assessment and treated by using suitable epoxy filler.
- Concrete damages should be repaired before application.
- Rough and irregular surfaces need to leveled by using epoxy screed mortar products, depending on surface irregularities.
- Freshly applied paint should be protected from water and damp at least 24 hours.

Packing:

Packed in: Base : Hardener
 Gallon 2 L : Can 1 L

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.

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Handling and Safety:

- Cleanup: Use “Jazeera Thinner 505” 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.