

Technical Data Sheet

JAZEERA TERRAZZO

JI-68045

Description:

A high quality solvent-free, three component decorative floor coating, based on modified-epoxy resin and polyamide, can be mixed with fine or coarse aggregates such as marble, granite, glass and colored chips to produce unlimited designs for aesthetic look and provide a hard wearing surface.

Recommended Use:

used where maximum durability and stunning decorative appearance of concrete floors are required. It is the best choice for high traffic areas such as airport terminals, train stations, shopping malls, showrooms, parking lots, garages, offices, schools, restaurants, palaces, hotels, hospitals, etc.

Characteristics:

- Unlimited unique designs.
- Excellent resistance to abrasion, scratch and wear.
- Seamless floor, good self-leveling and workability.
- Easy to clean and maintain.
- Low maintenance cost.
- High waterproofing.
- No solvent emission, workplace safety.

Physical Constants:

• Finish	Gloss.	
• Color	Wide color range.	
• Volume Solid	100%	ASTM D2697
• Specific Gravity	1.4 (mixed paint Resin) - with mixture : 2.23 ± 0.02	
• DFT	11 mm DFT	
• Consumption	24.5 kg / m ² @ 11 mm DFT	

Tests:

• Compressive Strength	65.62 N/mm ²	ASTM C579-23	Wimpey Laboratories, UAE.
• Shore D Hardness	D/84/1	ASTM D2240-15	Wimpey Laboratories, UAE.
• Tensile Strength	22.7 N/mm ²	ASTM D638-22	Wimpey Laboratories, UAE.
• Coefficient of Thermal Expansion	3.81×10^{-4} mm/mm/°C	ASTM C531-18(2023)	Wimpey Laboratories, UAE.
• Rate of Burning	Pass	ASTM D635-22	Wimpey Laboratories, UAE.
• Clay, Slit and Dust content	Nil	BS 812 Part 1:1975	Wimpey Laboratories, UAE.
• Abrasion Resistance	Pass	ASTM C-131-2001	Wimpey Laboratories, UAE.
• Water Absorption	0.02%	ASTM C128:2022	Wimpey Laboratories, UAE.
• Chemical Resistance	Pass A	ASTM D1308	Wimpey Laboratories, UAE.
• Indentation	Pass	MIL-D3134	Wimpey Laboratories, UAE.
• Flexural Strength	18.57 N/mm ²	ASTM C580	Wimpey Laboratories, UAE.
• Modulus of Elasticity	2038 N/mm ²	ASTM C580	Wimpey Laboratories, UAE.
• Thermal Compatibility	Pass (No cracks observed)	ASTM-C884	Wimpey Laboratories, UAE.

Surface Preparation:

- All new surfaces must be cured at least for 28 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 CSP2-3 as per International Concrete Repaire Institute ICRI. No 310.2 / SSPC - SP 13 or NACE 6
- Remove dust from the surface by vacuum machine.
- Fill the holes and cracks with "Jazeera Epoxy Crack Filler 400" or any suitable epoxy filler prior to application.



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Application Data:

Mixing ratio: Base Hardener PDR (Mixture of Stone & Glass)
(by Weight) 4.88 : 1 : 5.88 : 11.76
Pot-life: 40 mins @ 25 °C.
Induction time: Nil.

- Mix "Jazeera Terrazzo" (Part A+ Part B) with a medium speed drill and stir until homogeneous.
- Add Powder and mixture of Stone & Glass slowly and mix them well.
- Apply the mixed material in thickness of 11 mm DFT using a steel trowel.
- After complete curing, grind the surface to achieve smooth finish.
- Apply "Jazeera Terrazzo Clear".

Application Condition:

- 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%.

Painting System:

- Apply one or two coats of "Jazeera Epoxy Sealer Clear 400".
- Apply "Jazeera Terrazzo Membrane" with "Jazeera Fiber Glass Mesh".
- Apply "Jazeera Terrazzo".
- Make polishing with special grinding tools.
- Apply "Jazeera Terrazzo Clear".

Thinning:

Not required.

Drying Time:

Drying times are generally related to air circulation, temperature, film thickness and will be affected correspondingly

- Temperature 25°C/77°F
- Relative Humidity 50%
- Dry for polishing : 48 hours.
- Full cure: 7 days.

Packing:

Packed in: Base / Hardener / PDR / (Mixture of Stone & Glass)
20.75Kg drum / 4.25Kg gallon / 25 Kg bag / 25 Kg bag

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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:

- Clean up: 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.