

Technical Data Sheet
JAZEERA TOURMALINE
JA-16060

Description:

A high quality water-borne decorative topcoat paint, based on a unique emulsion with smart combination of fillers and fine aggregates to provide elegant, modern stone and marble designs.

Recommended Use :

Recommended to use for interior applications on concrete, cement and gypsum surfaces where luxury decorative look is required for palaces, offices, hotels, airports lounges, reception rooms, modern houses entrances etc.

Characteristics :

- Can be applied in different designs.
- Anti bacterial.
- Flame speard resistance.
- Excellent resistance to alkali and water.
- Provides suitable drying time to achieve the required designs.
- Easy to apply.
- Available in several colors

Physical Constants:

• Finish	Marble Like.	
• Color	As per "Jazeera Tourmaline" Catalog.	
• Specific Gravity	1.12 @ 35°C	ASTM D 1475
• Viscosity	65 poises @ 35°C	ASTM D 562
• Volume Solid	50%	
• D.F.T.	250 - 285 μm.	
• Theoretical Spreading Rate	(1.75 - 2.0) m ² /L	

Tests:

• Freeze-Thaw	Pass 3 cycles	ASTM D 2243
• Stability	Pass 49 days at 50°C.	
• Heater Stability	Pass, 7 days	ASTM D 870
• WaterResistance	Pass 7 days	ASTM D 870

*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:

- 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 and all forms release agents /curing.
- 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 :

1. 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%.
2. PH of surface should not exceed 9.
3. Paint should be stirred carefully before use.
4. Do not apply on wet surfaces until they are completely dry.
5. Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.
6. Adequate ventilation should be provided during application and drying time.



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Application Tools :

Putty knife.
Stiff plastic brush (special).
Plastic trowel.
Plastic scraper
Special knife.

Thinner :

Not recommended.

Thinning Ratio :

Ready to use.

Painting System:

- Apply one coat of "Jazeera Green Prime".
- Apply two coats of "Jazeera Green Putty".
- Apply two coats of "Jazeera Deco Primer" using the same color of the topcoat.
- Apply one coat of "Jazeera Tourmaline" using a putty knife, then form the following shapes within (5 minutes).

To obtain the Lines shape:

- Apply the product using a special stiff plastic brush in a uniform transverse form.
- Refine the surface using a plastic trowel in the same direction.
- Leave the product for a proper dry, then start polishing using a plastic knife.

To obtain the Travertine shape:

- Apply the product using a special stiff plastic brush in an intermitted transverse form.
- Leave the product for proper dry, then start removing protrusions using a plastic knife.
- Polish using a special knife.

Drying Time:

- Surface dry (25 - 40) minutes.
- Hard dry (2 - 3) hours.
- Full cure 7 days.

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

Cleaning Tools :

"Tap Water".

Packing:

Drum: 9 Ltr.

Shelf Life And Storage:

Shelf life : 24 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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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. When working with paint in in-sufficient ventilated areas, forced ventilation should be provided. For spray application system, eye, skin, respiratory protection are always recommended. 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 .
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.