

Time Onyx

TA-16017

Description

A high-quality water-borne decorative paint, based on a unique combination of a special kind of acrylic emulsion and special effect pigment, giving a beautiful appearance.

Recommended Use

Recommended to use for interior applications on concrete, cement and gypsum surface for palaces, offices, showrooms, hotels, restaurants, houses entrances luxury..etc.

Characteristics

- Can be formed in multiple designs.
- Beautiful look.
- Excellent metallic look.
- Very good adhesion and high durability.
- Good washability & color retention

Physical Constants

Finish	Sheen	-
Color	As per "Time Onyx" catalog.	-
Specific Gravity	1.07	ASTM D1475
Viscosity	30 Poise	ASTM D562
D.F.T	90 μ each coat.	-
Volume Solid	27.20 %.	ASTM D2697
Theoretical Spreading Rate	3 m ² /lt. @ D.F.T.90 μ.	-
Tests:	-	-

(*) 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)

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Tests

Freeze-Thaw Stability	Pass	ASTM D2243
Heater Stability	Pass	ASTM D2243
Chemical Resistance	Pass, (Household Chemicals)	ASTM D1308
Water Resistance	Pass	ASTM D870

Surface Preparation

- All new concrete 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, protrusions and pops.
- Make sure that the surface is clean , dry , free from dust, oil, grease, salt , mold.
- Fill the holes and cracks with suitable fillers "Time Ultimate","Time Crack Filler" and "Time Epoxy Crack Filler" 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 should not exceed 70%.
- pH of surface should not exceed 9.
- Paint should be stirred carefully before use.
- 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 applicaion time.

Application Tools

- **Roller** : Soft and smooth woolen roller for painting first smooth coat to hide the substrate
- **Scraper**: Special type.
- Sea sponge & Normal sponge

Thinner

Not recommended.

Thinning Ratio

Ready to use.

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Painting System

- Apply one coat of "Time Sealerin"
- Apply two coats of "Time Putty".
- Apply one or 2 coats of "Time D Primer Silk" with same color as per its catalog and allow drying.
- Apply one coat of "Time Onyx" by roller . Let it get dry for 4-6 hours (depends on surface temperature).
- Apply a second coat of "Time Onyx" by special recommended scrapper or trowel to make design and to give it a final beautiful look.
- Design to be completed within 10 minutes which depend on surface temperature.

Another Application Method :

Apply one coat of "Time Sealerin"

- Apply two coats of "Time Putty".
- Apply one or two coats of "Time D Primer Silk" with same colour as per its catalog and allow drying.
- Apply "Time Onyx"
- - First color by sea sponge.
- - Second color by sea sponge.
- - Third color by sea sponge.
- Touch softly by normal sponge to give smooth surface.

Drying Time

- **Surface dry** : (15 - 20) minutes.
- **Hard dry** : 24 hours.
- **Full cure** : 7 days.

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

Cleaning Tools

Tap water.

Packing

- US Gallon (Plastic container): 3.6 liters.

Shelf Life & 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 Precaution

- 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.

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 Al-Daman Building Materials 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 Timepaints 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 Timepaints 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.