

Time Clear Gloss Emulsion

TA-18003

Description

A high gloss clear emulsion final paint based on acrylic Emulsion. It provides fully transparent and gloss finish.

Recommended Use

Recommended to use as a final clear and gloss coat for protection in exterior and interior applications on the concrete, cement, gypsum and brick surfaces, over textures or any other matt finish water based paints.

Characteristics

- Provides clear glossy finish.
- High intensity and durability.
- Resists different weather conditions.
- High flexibility.
- Good water resistance.
- Washable with water and soft detergents.

Physical Constants

Finish	Clear Gloss	-
Gloss:	Above 75 at an angle of 60°	ASTM D523.
Specific gravity	1.00	ASTM D1475
Viscosity	65 ku	ASTM D562
Volume solid	44%	ASTM D2697
D.F.T.	40 μ each coat	-
Spreading Rate*	11 m ² /ltr.	-
Storage Stability	Pass 49 days at 50°C	ASTM D1849
Freeze-thaw Stability	Pass 3 cycles	ASTM D2243

Time Clear Gloss Emulsion

TA-18003

Tests

Water Resistance	Pass 7 days	ASTM D870.
Alkali Resistance	Pass 7 days (1 % solution)	ASTM D1308
SAlt Resistance	Pass 7 days (1.5 % solution)	ASTM D1308
Adhesion	Pass	ASTM D3359
Flexibility	Pass 3 mm. Diameter	ASTM D522

(*) 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 shall be cured at least 28 days prior to application of the primer.
- Remove old paints completely from previously painted surfaces.
- 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 and mold .
- Fill the holes and cracks with suitable fillers such as "Time Ultimate", "Time Crack Filler" or "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.
- A suitable quantity of " Tap water " can be added to get reasonable viscosity for application.
- 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 application and drying.

Application Tools

- **Airless spray:**
 - Nozzle orifice : 0.017-0.021"
 - Nozzle pressure : 15 MPa (2100psi)
 - Spray angle : 40-60°
- **Air spray** Nozzle size: (1.5 – 1.8) mm.
- **Roller** : Soft and smooth roller (Recommended type: Dekor Nardeen 8009 - code: 1093)
- **Brush** : Suitable type.

Time Clear Gloss Emulsion

TA-18003

Thinner

Tap water.

Thinning Ratio

(3-7)% by volume for spray.

Ready to use for airless spray.

Ready to use for roller & brush applications.

All above depend on the weather and application conditions.

Painting System

- Apply one coat of any suitable type of Timepaints primers, depending on surface nature and leave for dry.
- Apply one coat of texture paint or any water based paint and allow it for full dry.
- Apply two coats of "Time Clear Gloss Emulsion".

Drying Time

- **Surface dry** : 1 hour.
- **Hard dry** : 4 hours.
- **Recoat Interval** :
 - 8 hours. (minimum)
 - Within 48 hours (maximum).
- **Full cure** : 7 days.

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

Cleaning Tools

Tap water.

Packing

- 3.65 Ltr Gallon.
- 18 Ltr Drum.

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.

Time Clear Gloss Emulsion

TA-18003

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.