

Time Semi Timeal

TA-37003

Description

A high quality semi-gloss enamel paint based on modified Alkyd Resin and used as a decorative paint for exterior and interior applications.

Recommended Use

As a final decorative coat for exterior and interior applications on steel, concrete, cement, wood, asbestos and gypsum surfaces.

Characteristics

- Approved by SASO No.: 472/2002.
- Semi-Gloss finish.
- Very good covering and hiding property.
- Good weathering resistance property.
- Washable with water and soap.

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Physical Constants

Finish:	Semi-Gloss.	-
Gloss:	(45-55) at Angle of 60°	ASTM D-523.
Color:	Produced in white and other colors as per Time Color card.	*
Specific Gravity:	1.40	ASTM D-1475.
Viscosity:	97 KU	ASTM D-562.
Volume Solid:	47.25 %	ASTM D-5201.
D.F.T:	Recommended D.F.T is 35 μ. Each coat.	*
Spreading Rate:	Theoretical spreading rate: 13.50 m ² /L at D.F.T. 35 μ.	*
Hiding:	Above 95% at 100 μ D.F.T.	*
Sagging:	150 μ	ASTM D-4400.
Hardness:	Pass, 4 H Pencil	ASTM D-3363.
Scratch Resistance:	Pass, 1 Kg.	ASTM D-5178.
Bending:	3 mm. Diameter	ASTM D-522.
Adhesion:	Pass	ASTM D-3359.
Water Resistance:	Pass	ASTM D-870.
Flash Point:	38°C.	*

Application Tools

Spray Gun: Recommended Nozzle size: (1.5 – 1.8) mm.

Roller: Recommended type: soft / smooth.

Brush: General / Normal type.

Thinner

"Time Thinner 504".

Thinning Ratio

- (20 – 25)% by volume, for Spray Gun applications.
 - (10 – 15)% by volume for Roller and Brush applications.
- Depends on the temperature at work place.

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Painting System

For masonry surfaces:

- Prepare the surface by sanding and blasting process until all particles, oil, grease and other dirties are fully removed.
- Clean the sanded surface by soft wide brush or blowing air.
- Apply one coat of "Time Sealerin" or "Time C Primer", or any other suitable Timepaints Primer.
- To make the surface smooth, if required, apply two coats of "Time Crack Filler" or "Time Putty" (for interior surfaces only).
- Apply two coats of "Time Semi Timeal".

For steel surfaces:

- Prepare the surface by sanding and blasting process until all rust, oil, grease are fully removed.
- Clean the surface by soft brush or cloth with "Time Thinner 504" and allow to full dry.
- Apply one or two coats of "Time R.o Primer", or "Zinc Phosphate Primer".
- Apply two coats of "Time Semi Timeal" may be applied, if required, giving sufficient recoat interval time between the two coats.

Instruction of Use

- Paint should be stirred carefully and homogenously before use.
- A suitable quantity of "Time Thinner 504" can be added to get reasonable viscosity for application.
- Old paints must be removed completely from the surface and the surface should be cleaned and prepared well.
- Do not apply on wet and moistened surfaces until get completely dry.
- Do not apply the next coat unless the previous one is fully dry, minimum recoating interval time should be given between the two coats.
- Should be used in well-ventilated place and far from children reach.
- Surface temperature required during application must not be less than 10°C and the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%.

Drying Time

- **Dry to touch** : 1½ hour.
- **Surface Dry** : 3 hours.
- **Full Dry** : 16 hours.
- **Recoat Interval** : 24 hours (Minimum).

All the above test results according to ASTM D-5895.

Cleaning Tools

"Time Thinner 504".

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Packing

- 1 USG.
- 19 Ltr. Drum.

Shelf Life & Storage

In sealed container: 12 months in dry, cool, and well ventilated place.

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.