

## Time Bright Timeal Silk

TA-37004

### Description

A high quality topcoat paint, with an attractive silk finish, based on specially modified alkyd resin. It is characterized by excellent leveling , high durability and excellent resistance to water and moisture.

### Recommended Use

Recommended to use for interior applications on steel, concrete, cement, wood, asbestos and gypsum surfaces. For doors, windows, cabinets etc. It can be used in hard usage areas like commercial buildings, hospitals, schools, offices etc.

### Characteristics

- Excellent flow, leveling and adhesion.
- Excellent resistance to water and moisture.
- Excellent washability and easy stain removal.
- Superior hiding.
- Very good hardness and high durability.
- Excellent block resistance.
- Superior adhesion.
- Lead free.

### Physical Constants

Finish	Silk.	-
Color	White and other colors as per Timepaints color card.	-
Specific Gravity	1.43	ASTM D1475.
Viscosity	85 KU	ASTM D562.
Volume Solid	49 %.	ASTM D2697.
D.F.T	30 μ. each coat.	-
Theoretical spreading rate*	16.3 m <sup>2</sup> /L @ D.F.T. 30 μ.	-

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### Tests

Adhesion	Pass	ASTM D3359
Water Resistance	Pass	ASTM D870
Flash Point	38°C.	-
VOC	397 g/L.	-

(\*) 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 "Time Thinner 504" 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.

### Application Tools

- **Airless spray :**
  - Nozzle orifice : 0.015-0.019"
  - 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.

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### Thinner

"Time Thinner 504".

### Thinning Ratio

- (0 – 10)% by volume for airless spray.
- (20 – 25)% by volume for air spray gun.
- (10 – 15)% by volume for roller and brush.

All above depends on the weather and application conditions.

### Painting System

For masonry surfaces:

- Apply one coat of "Time Sealerin".
- Apply two coats of "Time Putty".
- Apply two coats of "Time Bright Timeal Silk".

For steel surfaces:

- Apply one or two coats of "Zinc Phosphate Primer" or "Time R.o Primer".
- Apply two coats of "Time Bright Timeal Silk" if required, giving sufficient recoat interval time between the two coats.

### Drying Time

- **Surface dry** : 3 hours.
- **Hard dry** : 16 hours.
- **Recoat interval** : 24 hours (minimum).
- **Full cure** : 7 days.

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

### Cleaning Tools

"Time Thinner 504".

### Packing

- 3.65 Ltr. Gallon.
- 18 Ltr. Drum.
- Gallon: Base 3 Ltr. (Tintable base by coloring machine).
- Drum: Base 17 Ltr. (Tintable base by coloring machine).

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### 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.

### 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.