

Time Flat Timeal Plus

TA-35001

Description

A high-quality, matte finish oil paint based on modified alkyd resins. It is characterized by superior leveling properties and high durability, in addition to excellent resistance to water and humidity.

Recommended Use

It is used for interior applications on concrete, cement, gypsum, wooden, iron and clay brick surfaces, for doors, windows and cabinets, and can be used in high-use areas such as commercial buildings, hospitals and schools.

Characteristics

- Excellent smoothness and leveling
- Excellent resistance to water and moisture
- Excellent washability with water and easy to remove stains
- Very good hardness and high durability
- Excellent coverage
- Resistant to edge adhesion
- Superior adhesion strength
- Lead free

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Physical Constants

Appearance	matte.	
Color	produced in white and according to the approved colors in the Time Paints color catalogue	
Shine	45-55 at 600 angle	ASTM D-523
Specific gravity	1.55	ASTM D-1475
Viscosity	90 Krebs units	ASTM D-562
Solid volume	46%	ASTM D-2697
Layer thickness	The suggested thickness of the dry layer is 40 microns per layer	
Diffusion rate	The theoretical diffusion rate is 13.5 m ² /L, at a dry layer thickness of 30 microns.	
Coverage rate	Above 95% at a thickness of 100 microns wet layer	
Hardness	Pass	ASTM D-3363
Scratch resistance	Pass ASTM D-5178	
Bending	Pass	ASTM D-522
Adhesion strength	Pass	ASTM D-3359
Water resistance	Pass	ASTM D-870
Flash point	318°C	

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Application Tools

- **Air spraying:**
 - Nozzle opening: (0.15 – 0.19) inches
 - Pressure on the nozzle: (15) MPa * (2100) psi
 - Spray angle: (40-60)°
- **Pneumatic spraying:**
 - Suggested nozzle size (1.5 – 1.8) mm
- **Roller:**
 - Soft Roller: (Required type: Nardin Decor 8009-Code: 1093)
- **Brush:**
 - The appropriate type

Thinner

"Time Thinner 504"

Thinning Ratio

(0 - 10)% by volume, when using an airless spray gun
(20 - 25)% by volume, when using air spraying
(10 - 15)% by size, for roller and brush
It depends on the weather conditions when used

Painting System

Residential Painting System:

- Apply a layer of "Time Sealerin".
- Apply two coats of "Time Putty".
- Apply two coats of "Time Flat Timeal Plus".

Iron surface coating system:

- Apply one or two layers of "Zinc Phosphate Primer" or "Time R.o Primer" taking into account the necessary drying time before applying the next layer.
- Apply two coats of "Time Flat Timeal Plus" final paint, taking into account the necessary drying time before applying the next coat.

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Drying Time

- Surface drying: 3 hours
- Hard drying: 16 hours
- Complete dryness: 7 days
- Recoating Interval : 24 hours (minimum).

Previous results under ASTM D-5895

Packing

- US gallon
- 15 liter Dram

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.