

#### DESCRIPTION:

High quality semi-finished finish paint, finally based on modified microscopic resin, has the characteristics of consistency and high durability as well as waterproof and moistureproof insurance.

#### CHARACTERISTICS:

- Good resistance to weather conditions
- Excellent resistance to water and moisture
- Excellent washability with water and easy to remove stains
- Very good hardness and high durability
- Very good shine stability
- Excellent softness and coverage
- Resistant to edge adhesion
- Superior adhesion strength
- Lead free

#### RECOMMENDED USE:

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

#### PHYSICAL CONSTANTS:

- Appearance: semi-gloss. The color is 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: 1.40, ASTM D-1475
- Viscosity: 97 Krebs units, ASTM D-562
- Solid volume: 46.25%, ASTM D-2697
- Layer thickness: The suggested thickness of the dry layer is 35 microns per layer
- Diffusion rate: The theoretical diffusion rate is 13.5 m<sup>2</sup>/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: 360°C

#### DRYING TIME:

- Surface drying: 3 hours
- Complete dryness: 7 days
- Hard dry 16 hours
- The time interval between coating two successive layers (minimum) is 24 hours  
Previous results under ASTM D-5895

#### 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

#### APPLICATION GUIDE:

- Building painting system:
  - Apply a layer of "Time Sealerin".
  - Apply two coats of "Time Putty".
  - Apply two coats of "Time Semi Gloss Time Plus".
- Iron surface coating system:
  - Apply one or two layers of "Time 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 Semi Gloss Timeal Plus" final paint, taking into account the necessary drying time before applying the next coat.

#### PACKING:

- A gallon of 3.65 litres.
- 18 liter barrel.
- Gallon: based on 3 litres. (Pace colors using a coloring machine).
- Barrel: basically 17 litres. (Pace colors using a coloring machine).

#### SHELF LIFE:

In sealed container: 24 months in dry, cool and well ventilated place.

#### SAFETY PRECAUTIONS:

Please read and follow the health and safety instructions on the packaging as well as the warning instructions in the MSDS for this product

- The product must be handled with caution before and during application

- Contact of the paint with eyes and skin or inhalation of its spray and vapors must be avoided during application
- It is recommended to use the product in well-ventilated places or use artificial ventilation
- The product must be kept out of the reach of children
- Please hand over leftover paint and surplus containers to any approved local entity for the purpose of use or recycling for the sake of environmental safety.

Note: Waste and empty containers are disposed of in accordance with local regulations specified in the Pollution Control and Environmental Protection Laws.