

TIME EMPEROR

11003066

DESCRIPTION:

High-quality matte water-based paint based on acrylic emulsion preparations. It gives the surface superior brightness, whiteness, durability and resistance to weathering

CHARACTERISTICS:

"Time Emperor" primer has the following characteristics:

- Excellent resistance to weather conditions
- Excellent resistance to UV rays
- Strong adhesion. In color retention
- Very good excellent coverage
- Excellent resistance to scrubbing
- Super bright white
- Tropical and soft in texture
- Very low content of volatile organic substances and almost no odor
- Formula free of formaldehyde, ammonia and APEO

RECOMMENDED USE:

It is used as a final layer in exterior applications, on concrete, cement, gypsum, panels and clay brick surfaces, which require high resistance to weather conditions, and can be used in interior applications.

PHYSICAL CONSTANTS:

- Appearance and color: matte, produced in white
- Specific gravity: 1.43 at 25°C ASTM D-1475
- Viscosity: 110 Cres units at 25°C ASTM D-562
- Solid size: 36% ASTM D-2697
- Layer thickness: The suggested thickness of the dry layer is 40 microns
- Diffusion rate: The theoretical diffusion rate is 9 m²/L, at a dry layer thickness of 40 microns.
- Coverage: Above 97% 100 micron wet layer
- Water resistance: Pass, 7 days, ASTM D870
- Alkali resistance: Pass, 7 days (1% solution) ASTM D-1308
- Salt resistance: Pass, 7 days (1.5% solution) ASTM -1308
- Adhesion strength: Pass, ASTM D-3359
- Flexibility: Pass, at 3mm diameter ASTM D522
- Antifreeze stability: Pass, 3 cycles, ASTM D-2243
- Heat stability: pass, 49 days at 50°C

DRYING TIME:

- Surface drying: 30 minutes
- Complete dryness: two hours
- The time interval between coating two successive layers (minimum) is 4 hours
- Previous results under ASTM D5895

APPLICATION TOOLS:

Airless spray gun

- Suggested nozzle size: (0.017 – 0.021) inches

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- - Pressure at the nozzle: (15) MPa - (2100) psi

- Spray angle: (40 – 60)°

Pneumatic spray gun

- Suggested nozzle size: (1.5-1.8)mm

Roller

- Soft roller (required type: Nardin Decor 8009 - Code: 1093)

- Regular type brush

THINNER:

Recommended Thinner is " Tap Water".

THINNING RATIO:

- (0-10)% when using an air spray gun in the application
- (20-30)% by volume, when using a spray gun in the application
- (10-20)% by volume, when using a roller and brush
- It depends on the weather conditions when used

CLEANING TOOLS:

Tap Water.

APPLICATION GUIDE:

- Surface preparation:
- For new concrete, cement and clay brick surfaces
- All new surfaces need a period of time of no less than 28 days to dry
- Excesses must be removed by sanding them until a smooth surface is achieved, then the surface is cleaned of dust using a cloth or compressed air.
- Apply a layer of one of the appropriate primers from Time Paints and leave it until it dries completely
- For previously painted surfaces
- Remove old paint if it is peeling or peeling
- Ensure that the surface is free of capers, oils, grease, dust and impurities
- Filling cracks and small holes with a suitable filler
- For external applications
- Apply one layer of "Time Sealerx" primer or any suitable Time paint primer depending on the nature of the surface and leave it to dry.
- Apply two coats of Time Emperor
- For internal applications
- Apply one layer of "Time Sealerin" primer or any suitable Time paint primer according to the nature of the surface and leave it to dry.
- Apply two coats of "Time Putty" putty.
- Apply two coats of Time Emperor.

PACKING:

- 1 US Gallon.
- 18 Ltr. Drum.

SHELF LIFE:

In sealed container: 12 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.