

DESCRIPTION:

Water-based paint, based on acrylic emulsion preparations, designed to suit hot and cold climates and various weather conditions.

CHARACTERISTICS:

- Good adhesion properties with surfaces
- Highly durable, and resistant to various weather conditions
- Good properties of penetration through pores and adhesion to surfaces
- Quick drying

RECOMMENDED USE:

It is used as a basis on concrete, cement, gypsum, and clay brick surfaces in external and internal applications, to give an integrated system characterized by strong adhesion and high durability.

PHYSICAL CONSTANTS:

- Specific gravity: 1.38 at 25°C ASTM D-1475
- Specific gravity: 1.46 at 25°C, ASTM D-1475
- Viscosity: 100 Cres units at 25°C ASTM D-562
- Solid size: 31% ASTM D-2697
- Layer thickness: The suggested thickness of the dry layer is 40 microns
- Diffusion rate: The theoretical diffusion rate is 7.75 m²/L, at a dry layer thickness of 40 microns.
- Bleeding point: 250 microns, ASTM D-4400
- Water resistance: Pass, 7 days, ASTM D-870
- 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, 3 courses, ASTM D-522
- Antifreeze stability: Pass, 3 cycles, ASTM D-2243
- Heat stability: Pass, 49 days at 50°C
- Appearance and color: Matte, produced in white

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 5895

APPLICATION TOOLS:

- Spray gun: Suggested nozzle size: (1.5 – 1.8) mm
- Roller: Suggested type: Soft wool roller
- Brush: the good and appropriate type

THINNER:

Recommended Thinner is " Tap Water".

THINNING RATIO:

- (15-25)% by volume, when using a spray gun in the application
- (10-15)% 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
 - Excess sanding dust on the surface must be removed using a cloth or compressed air
 - Apply one layer of "Time Sealerx" primer 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
 - Apply one layer of "Time Sealerx" primer and leave it until it dries completely

PACKING:

- US Gallon.
- 25 KG. 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.