

TIME C PRIMER

11001688

DESCRIPTION:

A transparent solvent-based primer, based on developed acrylic preparations, specially designed to suit concrete and cement surfaces.

CHARACTERISTICS:

Time C Primer has the following characteristics:

- Excellent adhesion properties to the surface and to top coat paints
- Very good resistance to moisture
- Excellent permeability properties

Very good resistance to alkali, and dries quickly

RECOMMENDED USE:

It is used as a primer in exterior and interior applications on concrete, cement and clay brick surfaces, and for alkali and moisture resistance on very smooth surfaces.

PHYSICAL CONSTANTS:

- Specific gravity: 0.90 ASTM D-1475
- Viscosity: 45 CRIS ASTM D-562
- Solid size: 17% ASTM D-5201
- Layer thickness: The suggested thickness of the dry layer is 25 microns
- Diffusion rate: The theoretical diffusion rate is 6.80 m²/L, at an edge layer thickness of 25 microns.
- Degree of liquefaction: Pass by H2, ASTM D-3363
- Water resistance: Pass, 3mm diameter, ASTM D-522
- Alkali resistance: Pass, ASTM D-3359
- Salt resistance: Pass, 7 days ASTM -D-870
- Adhesion strength: Pass, 7 days, (1.5% solution) ASTM D-1308
- Flexibility: Pass, 7 days, (1% solution) ASTM D-1308
- Stability to freezing: above 26°C
- Heat stability: transparent
- Appearance and color: semi-gloss, produced in transparent colour

DRYING TIME:

- Surface drying: 30 minutes
- Complete dryness: one hour
- The time interval between coating two successive layers (minimum) is two hours

Previous results under ASTM D-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:

Ready to use without dilution

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 C 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 and coating with "Time C Primer".
- If the old paint is in good condition but shiny and non-porous, it should be roughened lightly
- You must ensure that the base paint is compatible with the old paint, according to the manufacturer's recommendations

PACKING:

- US Gallon.
- 19 Ltr. Drum.

SHELF LIFE:

In sealed container: 12 months in dry, cool and well ventilated place.

SPECIAL INSTRUCTIONS:

1. Paint should be stirred carefully before use.
2. A suitable quantity of Water can be added to get reasonable viscosity for application.
3. Do not apply on wet and moistened surfaces until get completely dry.
4. Do not apply the next coat unless the previous one is fully dry, minimum recoating interval time should be given between the two coats.
5. Should be used in well-ventilated place and far from children reach.
6. Surface temperature required during application must not be less than 10°C; the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%.

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.