

Time C Primer

TA-41002

Description

A solvent base, clear primer, based on acrylic resin, with a high penetration property in smooth surfaces which gives high resistance to moisture and alkalinity in addition to anti termite property.

Recommended Use

Recommended to use for exterior and interior application on concrete, cement, and brick surfaces. It is specially recommended to resist alkali and moisture.

Characteristics

- Very good resistance to moisture.
- Very good alkali resistance..
- Excellent penetration into substrate.
- Excellent adhesion with surface and subsequent coats.
- Anti termite property.
- Quick dry.

Physical Constants

Finish	Semi-gloss.	-
Color	Clear / Color Transparent .	-
Specific Gravity	0.90	ASTM D1475.
Viscosity	45 KU	ASTM D562.
Volume Solid	17 %	ASTM D2697.
D F T	15 - 25 μ . Each coat.	-
Theoretical Spreading Rate*	6.8-11.33 m ² /L .	-

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Tests

Hardness	Pass	ASTM D3363.	-
Bending	3 mm diameter	ASTM D522.	-
Adhesion	Pass	ASTM D3359.	-
Water Resistance	Pass	ASTM D870	-
Salt Resistance	Pass	ASTM D1308	-
Alkali Resistance	Pass	ASTM D1308	-
Heat & Moisture Resistance	Pass	SASO 817/1994	-
Flash Point	Above 26°C.	-	-
Termite Resistance	Pass	ASTM D3345-17	METS L.L.C - U.A.E.

(*) The practical spreading rate of the product depends on the surface, ambient temperature, application method, actual DFT and the wasted amount. (To avoid waste, be sure to buy the right amount of the paint for the required surface area).

Surface Preparation

- All new surfaces shall be cured at least 28 days prior to application of the primer.
- Remove old paints completely from previously painted surfaces
- The substrate should have sufficient strength and free from unsounded areas, pug holes and protrusions.
- Make sure that the surface is clean, dry, free from dust, oil, grease, salt and mold .
- Fill the holes and cracks with suitable fillers such as "Time Ultimate", "Time Crack Filler" or "Time Epoxy Crack Filler" prior to application of the primer (Refer to TSD).

Application Guide

- The required temperature during application, must not be less than 5°C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
- pH of surface should not exceed 9.
- Paint should be stirred carefully before use.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
- Adequate ventilation should be provided during application.

Application Tools

- **Air spray** Nozzle size: (1.5 – 1.8) mm.
- **Roller** : Soft and smooth roller
- **Brush** : Suitable type.

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Thinner

Ready to use.

Thinning Ratio

Not required.

Painting System

- Apply one coat of "Time C Primer".

Drying Time

- Surface dry : 30 minutes
- Hard dry : 1 hour.
- Recoating interval 2 hours.(minimum)
- Full cure : 7 days.

All the above results tested according to ASTM D5895 @25°C.

Cleaning Tools

" Time Thinner 505".

Packing

- 1 USG.
- 18 Ltr. Drum.

Shelf Life & Storage

Shelf life : 24 months @ 25 °C.

Storage : The container should be kept in sealed, dry, cool, well ventilated place and stored in accordance with national regulations.

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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.