



Revised 1

Issue Date : 01.01.2017

## TOA QUICK PRIMER WATERBASE

### FEATURES

TOA Quick Primer Waterbase is based on acrylic Emulsion that designed for use as pigmented primer. The properties of this product are excellent alkaline resistance and superior pH balance that protect topcoat from efflorescence in cement materials after drying for 2 days. This product is super bonding agent that provides excellent adhesion between the substrates and paint film as well as it forms a breathable film that allows the releast of water vapor from substrates through out of the paint film to eliminate the risk of blistering.

Suitable for Skimcoat substrate , Concrete , Brick , Plaster and Cement .

### TECHNICAL INFORMATION

Type	:ACRYLIC RESIN
Color	:WHITE
Film appearance	:MATT
Solid by volume	44.0 ± 2.0 %
Solid by weight	40.0 ± 2.0 %
Flash point	- °C
Volatile organic compounds (VOCs -	gram / liter
Wet film thickness	100 microns
Dry film thickness	50-60 microns
Theoretical coverage.	8-9 sqm/litre/coat

Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated.

Touch dry ( 25-30 °C)	30-40 minutes.
Recoat dry ( 25-30 °C)	1 hours.
Full cure ( 25-30 °C)	1 days.

### REFERENCE STANDARD

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### APPLICATION

Tools	: Brush and Roller
Thinner No.	: Clean water
Dilution (%)	: 10-20% by volume



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## APPLICATION SYSTEM

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### Surface Preparation

- New surface** : Allow the surfaces dry at least 2 days in case of speedy work.
- : The surfaces must be clean and free of dirt, grease, oil, wax, salt and other contaminants.
  - : TOA 301 Acrylic Sealent or TOA Acrylic Filler is used to repair all cracks and rough surfaces.
- Old surface** : The surfaces must be clean and free of dirt, wax, salt, old paint and other contaminants.
- : Chalky surfaces or loose material must be removed by stiff brush.
  - : TOA113 Microkill is used to get rid of algae and fungi that left on the surfaces.
  - : The surfaces must be clean with suitable cleansing solution and water then rinse thoroughly with fresh water and allow to fully dry.
  - : TOA 301 Acrylic Sealent or TOA Acrylic Filler is used to repair all cracks and rough surfaces.

### Coating system

**Primer** : Apply by brush with **TOA Quick Primer waterbase at least** 1 coat.

**Topcoat** : Can be topcoat with Acrylic Emulsion Paint and Alkyd Base Enamel Paint.

- Recommendation** : The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.

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## HANDLING AND STORAGE

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- Storage condition** : The product must be stored in accordance with national regulations.
- Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition.
  - Containers must be kept tightly closed.
- Shelf life** : 2 years. (at 25-30 °C from manufacturing date)

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## HEALTH AND SAFETY

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- : Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.
- : For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.