

## FEATURES

It is an ideal primer for the new masonry surface where the alkalinity is likely the cause paint defect for the subsequent coating system. Because it is based on high quality latex, it effectively resists saponification on lime plaster, asbestos cement or concrete. It contains a mold control additive.

**Typical Use:** It is ideal application to both exterior and interior concretes, new and old masonry surface, plasters, brick, asbestos shingles and siding. It is highly recommended for heat protection of building and housing.

## TECHNICAL INFORMATION

Type	100% Acrylic Emulsion
Color	White
Film appearance	Matt
Solid by volume	34-36 %
Solid by weight	52-54 %
Flash point	N/A °C
Volatile organic compounds (VOCs)	less than 10 gram / litre
Wet film thickness	100-110 microns
Dry film thickness	35-40 microns
Theoretical coverage.	35-45 sq.meter / gallon / coat
Touch dry ( 25-30°C)	30 minutes
Recoat dry ( 25-30°C)	2 hours
Full cure ( 25-30°C)	7 days

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.

## REFERENCE STANDARD

TIS 1123-2555(2012)(Masonry Primer),  
Green Label Thailand

## APPLICATION

Tools	Roller, Brush, Spray
Diluent	Clean Water
Dilution (%)	10-20 % ( roller and brush ) 20-25 % ( spray )

The dilution could be done depends on the variation of temperature and humid atmosphere. The given figure is the average data from actual use.

## APPLICATION SYSTEM

Surface Preparation
New surface

Substrate must be completely cured and dried (~1 month) free from oil, grease, mildew. Areas where the fungus to kill mold polished clean with liquid TOA Microkill. Cleaning. Then let it dry 1-2 days.

At a crack width less than 1 mm. and not break continuity.  
Putty for filling with TOA acrylic acrylic filler.  
Around the crack. Wider than 1 mm. or a different continuity.  
Putty for filling with TOA Acrylic Sealant.

<b>Coating system</b> Primer Topcoat	Apply 1 coat of SUPERSHIELD ALKALI RESISTING PRIMER Apply 2-3 coats of SUPERSHIELD , SUPERSHIELD DURACLEAN and SUPERSHIELD DURACLEAN A PLUS ** remark for special system
<b>HANDLING AND STORAGE</b> Storage condition Shelf life	: 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. : 5 years at 30-35 °C.
<b>HEALTH AND SAFETY</b>	: 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.
<b>DISCLAIMER</b>	: The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.