

## FEATURES

SuperShield is Ultrapremium Grade , 100% Acrylic emulsion paint,the exclusive unique Acrylic Technology from Rohm and Haas,USA , Copyright only TOA, Significantly feature of special polymer and special pigment , they give excellent adhesion performance , peeling protection,dirt pick up resistance ,and highest reflectance on most every surface. Thus it is excellent self cleaning.Titanium Triple Protection technology enhances absolute surface protection and resistance performance. It can resist Alkaline cement in severe weather conditions including fungus and algae. Moreover, there is no lead and mercury contained. The only one brand with 15-year warranty.

## TECHNICAL INFORMATION

Type	100% Pure Acrylic Emulsion Paint
Color	Wide range of colors.Please refer to colour card.
Film appearance	Semi-Gloss
Solid by volume	34-36 %
Solid by weight	49-51 %
Flash point	N/A °C
Volatile organic compounds (VOCs)	less than 5 gram / litre
Wet film thickness	100-110 microns
Dry film thickness	35-40 microns
Theoretical coverage.	33-38 sq.meter / gallon / 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 minutes
Recoat dry ( 25-30°C)	2 hours
Full cure ( 25-30°C)	7 days

## REFERENCE STANDARD

TIS.2321-2549(2006)(Weather Resistant Emulsion Paints),  
 TIS.2514-2553(2010)(Solar Heat Reduction Emulsion Paints),  
 Green Label Thailand

## APPLICATION

Tools	Roller, Brush, Spray
Diluent	Clean Water
Dilution (%)	10-15 % ( roller and brush ) 10-20 % ( spray )

## APPLICATION SYSTEM

### Surface Preparation

#### Old surface

Powdery and chalky surface must be scrubbed and cleaned with water  
 Fungus and mildew growth must be cleaned off before applying microkill. Left to dry for 2-3 days  
 Apply on cracks with TOA Acrylic Filler for the crack width < 1 mm. and not to crack continuously  
 Apply on cracks with TOA Acrylic Sealant for the crack width > 1 mm. and crack continuously

#### New surface

Substrate must be completely cured and dried ( ~ 1 month ) free from oil ,grease ,mildew,from release agents and foreign matters.or measure moisture which should be less than 14% on surface with protimeter mini If any crack, it should be repaired on surface before applying



## Coating system

- Primer For Old Surface
- Primer For New Surface
- Topcoat

Apply 1 coat of TOA CONTACT PRIMER or TOA QUICK PRIMER

Apply 1 coat of SUPERSHIELD ALKALI RESISTING PRIMER

Apply 2-3 coats of SUPERSHIELD SEMI-GLOSS

\*\* Recommend for deep tone , you should apply middle coat that it has tone lighter before requiring color

## HANDLING AND STORAGE

### 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

: 5 years at 30-35 °C.

## HEALTH AND SAFETY

: 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.

## DISCLAIMER

: 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.