

Technical Data Sheet



Rev.1 10/2017

FEATURES

4 SEASONS SUNBLOCK , Heat Reflecting Insulation Paint is especially designed for home under harsh tropical climate. It is truly an innovation with green technology label. It helps save the world's energy also inflammable , no added lead and mercury , totally non-toxic to all living creatures.The paint can be computerizing blened to order via our TOA COLORWORLD unit.Because it is added5 more benefits which comprised of Heat radiation reflective,Cover hair-line cracks, Waterproof,Washability,Dirt pick-up resistance.

It is ideal for application to both concretes,new and old masonry surfaces,plasters,bricks,asbestos etc.

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	35-37 %	
Solid by weight	49-51 %	
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.	30-35 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)	3	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)	
	15-20 % (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 continueously Apply on cracks with TOA Acrylic Sealant for the crack width > 1 mm. and crack continueously
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

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Coating system**Primer For Old Surface**

Apply 1 coat of TOA CONTACT PRIMER

Primer For New Surface

Apply 1 coat of 4SEASONS SUNBLOCK ALKALI RESISTING PRIMER(SB600)

Topcoat

Apply 1 coat of 4SEASONS SUNBLOCK ELASTOMERIC HEAT INSULATION PAINT(SB700)

Apply 2-3 coats of 4SEASONS SUNBLOCK 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.