



FEATURES

TOA Acrylic Emulsion Roof Paints is a water-based roof paint, based on 100% premium quality pure acrylic resin, that provides high sheen finish, endurable for UV, Light, chemicals, water and scratch. It has a tough and durable film that gives excellent protection and adhesion to the surfaces. Protect discoloration by efflorescence. Contains no added lead and no added mercury for health and environmentally safe. It is ideal for application of concrete roof, asbestos, all kinds of fiber cement and tennis court.

TECHNICAL INFORMATION

Type	100% Pure Acrylic Emulsion Paint	
Color	Wide range of colours . Please refer to catalog	
Film appearance	Semi-Gloss	
Solid by volume	38-40	%
Solid by weight	51-53	%
Flash point	N/A	°C
Volatile organic compounds (VOCs)	less than 10 gram / litre	
Wet film thickness	100-110	microns
Dry film thickness	40-45	microns
Theoretical coverage.	30-40	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 1097-2556(2013)(Acrylic Coating Used in Cement Fiber Roof Tile),
Green Label Thailand

APPLICATION

Tools	Roller, Brush, Spray	
Diluent	Clean Water	
Dilution (%)	5-10	% (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 QUICK PRIMER

Apply 2-3 coats of TOA ROOF PAINT directly to the surface.

Apply 2-3 coats of TOA ROOF PAINT

** 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.