



FEATURES

- : TOA Roofseal Sun Block is an elastomeric acrylic emulsion filled with ceramic microspheres used for waterproofing and heat protection. It protects for both summer and monsoon without having to worry about leakage and UV against with the heat reflection technology comprise with 2 special components,
1. SRP (Solar Reflective Pigment) that can reflect heat up to 95%.
 2. Insulation microsphere ceramic used for covering spaceship to protect from heat.

USES

- : TOA Roofseal Sun Block is designed for waterproofing and heat protection of ;
- Flat roof
 - Concrete and brick wall cladding
 - A gutter concrete
 - Asbestos roof tile
 - Bitumen roof
 - Metal sheet roof

ADVANTAGES

- : TOA Roofseal Sun Block provides the following beneficial properties :
- Reflect over 95% of the sun heat
 - 100% proof seamless waterproof layer
 - High flexibility over 5 times or > 500% elongation
 - Prevent and good solve cracks on concrete caused by rapid change of temperature
 - Can be penetrates into cracks
 - UV resistance, harsh weather tolerance and abrasion resistance for traffic.
 - Good carbon dioxide impermeability.
 - Can be applied over a wide temperature range
 - Can use with a roller, brush and blow
 - Non-toxic, No Mercury and Lead

TECHNICAL INFORMATION

Color	: White, Grey, Green, Cream
Density @ 25 °C	: 1.06 - 1.08 kg / L
Solid Content	: 61.0 - 63.0 %
pH @ 25 °C	: 8.50 - 10.0
Viscosity @ 25 °C	: 112.0 - 118.0 KU
Volatile Organic Compound : ISO 11890-2	: < 1.5 g/l
Solar Reflectance Index (SRI) : ASTM E1980-01	: 110
Solar Reflectance : JIS R3106	: 95 %
Solar Absorbance : JIS R3106	: 5%
Elongation : ASTM D 412	: 950 %
Tensile Strength : ASTM D 412	: 2.6 MPa
Bond Strength : BS 1881	: > 15 kgf / cm ²
Water Absorption : ASTM D471	: 1.3 %
Chemical Resistance : ASTM D1308	: Not Changed

: 12 months in original packing.



PACKAGING

: 1 kg., 4 kgs., 20 kgs.container

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

: This 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.