

**FEATURES**

: TOA 201 Roofseal is an acrylic copolymer for waterproofing membrane and high flexibility with 5 times elongation, 100% proof seamless waterproof layer, used for surface coating to prevent leakage and good solve cracks on concrete caused by rapid change of temperature, UV resistance, harsh weather tolerance and abrasion resistance from traffic.

**USES**

:TOA 201 Roofseal is designed for waterproofing of;

- Flat roof
- Concrete and brick wall cladding
- The wall prevent soil
- A gutter concrete
- Asbestos roof tile
- Bitumen roof
- Metal sheet roof

**ADVANTAGES**

:TOA 201 Roofseal has a character of;

Characteristic of the wet film

- Can be penetrates into cracks
- Can be applied over a wide temperature range
- Can use with a roller, brush and blow
- Non-toxic, No Mercury and Lead

Characteristic of the dry film

- 100% proof seamless waterproof layer
- 5 times elongation
- Prevent and good solve cracks on concrete caused by rapid change of temperature.
- Good carbon dioxide impermeability.
- UV resistance, harsh weather tolerance and abrasion resistance for traffic.

**TECHNICAL INFORMATION**

- Color
- Density @ 25°C
- Solid Content
- pH @ 25°C
- Viscosity @ 25°C
- Volatile Organic Compound : ISO 11890-2
- Solar Reflectance : JIS R3106
- Elongation : ASTM D 412
- Tensile Strength : ASTM D 412

: White, Grey, Green, Brown, Blue

: 1.270 – 1.320 kg / L

: 60.5 – 62.5 %

: 8.50 – 10.0

: 112.0 – 118.0 KU

: < 1.0 g/l

: 93.4%

: > 500 %

: > 3 Mpa

## REFERENCE STANDARD

: TIS 2321-2549  
Thai Green Label TGL-4-R4-14

## APPLICATION SYSTEM

## Surface Preparation:

- The surface must be clean from dust, cement laitance and oil grease.
- In case of mold and algae, brush and clean with TOA 113 Microkill then leave it dry before coating with TOA 201 Roofseal.
- Deformed paint or coating must be thoroughly cleaned before application.
- Fill all cracks wide with TOA Polyurethane Sealant then leave it dry before coating with TOA 201 Roofseal.
- Repair big cracks on surfaces with TOA 112 Super Bond prior to coating.
- Polish the rust on metal surfaces prior to coating.

## Application

- Stir well before use, especially tinted.
- Mix TOA 201 Roofseal with clean water in the ratio of 3:1 and apply as the primary coat, leave it to dry for 2 – 4 hours approximately.
- Apply a first coat of TOA 201 Roofseal (no adding water) then leave it dry for 2-4 hours approximately.
- Apply a second coat (no adding water) then leave it dry for 24 hours approximately.

## Recommendation

- The cracks must be sealed before the primary coat. Reinforce with TOA Fiber mesh while wet before coating with TOA 201 Roofseal 2 – 3 coats.
- TOA 201 Roofseal should not be applied to new concrete less than 28 days old and other cementitious surfaces less than 7 days old.
- Do not use TOA 201 Roofseal while raining.
- TOA 201 Roofseal uses for waterproofing for all horizontal ( roof deck ) or vertical masonry surfaces not suitable for long term water ponding
- TOA 201 Roofseal gets fully resistance properties after 7 days
- Wash all tools immediately after use with water.

## USAGE RATE

: 1 kg. / 1 sq.meter (primer and 2 coats) dry film thickness of 350 – 400 micron.

## HANDING AND STORAGE

## Storage

- Keep all containers well closed.
- Keep in a dry cool place.

## Shelf life

: 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.