



## FEATURES

TOA Roadline Paints(Reflective) are based on high quality acrylic resin, chlorinated rubber and high reflective glass bead. The reflection has developed after the paint was applied, then partial of the paint film was scrubbed from the glass bead by traffic and shown it's reflectivity that remain effective throughout the life of the paint film. These products are suitable for both interior and exterior. The properties of these paints are high film build, excellent adhesion on both asphalt and concrete surfaces, good weathering resistant as well as good resistant to oil, grease and other road residues.

These paints are suitable for road markings and safety symbols on curbs, roads, streets, highways, local roads and car park.

## TECHNICAL INFORMATION

Type	Acrylic Resin and Chlorinated Rubber
Color	White, Yellow, Red and Black
Film appearance	Matt
Solid by volume	60.0 ± 2.0 %
Solid by weight	55.0 ± 2.0 %
Flash point	7.9 °C
Volatile organic compounds (VOCs)	NA gram / liter
Wet film thickness	100 microns
Dry film thickness	55 microns
Theoretical coverage.	8-10 sq.m. / liter / coat 24-30 sq.m. / 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)	10 -20 minutes.
Recoat dry ( 25-30 °C)	1 hours.
Full cure ( 25-30 °C)	3 days.

## REFERENCE STANDARD

## APPLICATION

Tools	Roller, Brush
Thinner No.	TOA Thinner # 81
Dilution (%)	10 % ( roller and brush )

## APPLICATION SYSTEM

### Surface Preparation

#### Old surface

- 1.Chalky surfaces or loose material must be removed by stiff brush.
- 2.The surface must be clean and free of dirt, grease, oil, wax, salt, old paint and other contaminants.

#### New surface

- 1.The surface must be clean with suitable cleansing solution and water then rinse thoroughly with fresh water and allow to fully dry.

### Coating system

#### Primer

: To enhance the adhesion, recommend to apply TOA Penetrating Sealer at least 1 coat on hard or smooth surface such as polished cement floor.



<p><b>Topcoat</b></p> <p><b>Recommendation</b></p>	<p>Mixing ratios between TOA ROADLINE PAINT and TOA Thinner #81 are 20:2 for first coat and 7:1 for second coat, respectively.</p> <p>Apply by brush with TOA ROADLINE PAINT at least 2 coats. (Recoat time is at least 1 hour)</p> <p>: The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.</p>
<p><b>HANDLING AND STORAGE</b></p> <p><b>Storage condition</b></p> <p><b>Shelf life</b></p>	<p>: The product must be stored in accordance with national regulations.</p> <p>Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.</p> <p>: 2 years.</p>
<p><b>HEALTH AND SAFETY</b></p>	<p>: 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.</p> <p>: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.</p>
<p><b>DISCLAIMER</b></p>	<p>: 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.</p>