

FEATURES

TOA RUST PREVENTIVE#G1159 is a special alkyd and anti-corrosive zinc phosphate pigment, which not contains heavy metals such as lead, mercury.

High anti-corrosive performance, fast dry, easy-to-use and good adhesion on substrate.

TIS2386-2555 certified.

It is ideal primer for new or maintenance of iron or structural steel, such as bridges, towers, tanks machineries, ect.

TECHNICAL INFORMATION

Type	Primer
Color	Grey
Film appearance	Semi-Gloss
Solid by volume	55 %
Solid by weight	70 %
Flash point	40 °C
Volatile organic compounds (VOCs)	- gram / liter
Wet film thickness	80 microns
Dry film thickness	45 microns
Theoretical coverage.	12 sq.m / liter / coat
	46 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)	30-50 minutes.
Recoat dry (25-30°C)	4-6 hours.
Full cure (25-30°C)	4-7 days.

REFERENCE STANDARD

TIS2386-2555(2012)

APPLICATION

Tools	Roller, Brush, Spray
Thinner No.	TOA Thinner No.21
Dilution (%)	10 -15 %

APPLICATION SYSTEM

Surface Preparation	
New surface (Steel)	Steel substrate must be prepared ,free from rust,millscale,dirt,loose particles,and waxy contaminate.
Old surface (Steel)	Polishing the paint film peeling out and clean the dust, rust and grease-free
Coating system	
Primer	
Steel	: TOA RUST PREVENTIVE#G1159 1-2 coat . (40 μ per coat)
Alloy	: Apply 1 coat TOA Wash Primer for galvanized steel and aluminium alloy surface (10 μ per coat) : TOA RUST PREVENTIVE#G1159 1-2 coat . (40 μ per coat)



Topcoat	Apply TOA Enamel Gloss 2 coat (30 μ per coat)
Recommendation	: 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.
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	: 12 months at 30 °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.	