

FEATURES

TOA Gold Enamel . It made of high quality 100% pure acrylic resin with best exclusive gold pigment to give extra radiant glow finishing and excellent outdoor durability for tropical climate with special feature of UV protection, mildew resistance and washability.

It is suitable for exterior and interior application on Iron, Aluminium, Brass, alloy, stainless steel, glass, ceramic, wood, plaster, concrete and gypsum. Including substitution of gold foil covering such as temple, alloy, door, wooden furniture, hall and Buddha image.

TECHNICAL INFORMATION

Type	: ACRYLIC RESIN
Color	: Gold
Film appearance	: Gloss
Solid by volume	: %
Solid by weight	: 50.0 ± 2.0 %
Flash point	: 23.1 °C
Volatile organic compounds (VOCs)	: - gram / liter
Wet film thickness	: 100 microns
Dry film thickness	: 30-40 microns
Theoretical coverage.	: 30-40 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)	: 30-40 minutes.
Recoat dry (25-30°C)	: 2 hours.
Full cure (25-30°C)	: 7 days.

REFERENCE STANDARD

APPLICATION

Tools	: Spray gun and Brush
Thinner No.	: TOA Thinner #74N when apply by spray gun or TOA Thinner #21 when apply by brush.
Dilution (%)	: 100 – 150 % by volume of TOA Thinner #74N when apply by spray gun. : 30 – 50 % by volume of TOA Thinner #21 when apply by brush.

APPLICATION SYSTEM

Surface Preparation

surface

- : For concrete, the surface must be dry and free from dirt,grease and other contaminants.
- : For steel, millscals and rust should be removed from steel by hand wire brushing or sanding with abrasive paper and then clean the surface until no dust remain.
- : For wood, use abrasive paper to sand the surface until smooth. Fill all wood crack and hole by filler. Sand again until the smooth surface is obtained and then clean the surface until no dust remain.

Coating system

Primer

: Apply by brush or spray with TOA Gold Acrylic Primer #PL800 or PL900 at least 1 coat.

Topcoat

: Apply by brush or spray with **TOA Gold Enamel #GE234 or #GE505** at least 2 coats.

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

: 2 years.(at 25-30°C from manufacturing date)

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.