

ECO GLOSS ENAMEL

Scope

TROPICAL ECO-GLOSS ENAMEL is a solvent based gloss paint used for interior & exterior surfaces namely metals, trims, windows, doors and walls. With excellent durability, it is easily washable and scrubable and has good scratch resistance.

Designed Use

- Area of Use : Interior & Exterior
- Area of Use : Metal, timber may also used on masonry surface.

Technical Data

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- Finish : Medium gloss
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- Volume Solids : 48%
- Thinner / Cleaner : Solvent
- Theoretical Spread Rate :

Recommended dry film thickness per coat		Spread rate
Minimum	30 microns	16.0 m ² /Ltr
Maximum	50 microns	9.6 m ² /Ltr
Typical	40 microns	12.0 m ² /Ltr
- Coverage : 8 to 10m² per liter per coat. While estimating the practical spread rates, due allowance should be made for surface profile, uneven application, overspray, losses in containers and equipment. Certain colours such as deep colours, may require more than 2 coats to achieve desired result
- Drying Time :

Substrate temperature	Dry to touch	Overcoating interval	
		Minimum	Maximum
25°C	4 hours	24 hours	
35°C	2 hours	20 hours	Indefinite
45°C	1½ hour	16 hours	

Storage and Handling

- Storage : Store in cool, dry conditions
- Disposal : Dispose as normal paint e.g. by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.
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- Shelf Life : Upto 18 months

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Surface Preparation

The performance of this coating is directly related to the degree of surface preparation.
Metal: Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from laitance. Remove rust, if any, by sand blasting.
Timber: Ensure surface is clean, dry and free from all contaminants. Wood may be treated further with Tropical Wood Primer.
Masonry: Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast.

Application Method

Ensure adequate ventilation during application and drying. Do not apply when humidity exceeds 95% and condensation is likely. Only apply coating when surface temperature is 3°C or more above dew point.

Tropical Eco Gloss Enamel is ready to use. No need to dilute.

- Airless spray** : Tip Size: 0.22 – 0.30mm (0.009-0.011 in)
- Conventional Spray** : Tip pressure : 90-130 kg/ cm² (1300-1800 psi)
- Brush or Roller** : Apply an even coat taking care to avoid runs and sags. More than one coat will be required

Safety Precautions

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.

First Aid

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. DO NOT USE solvent or thinner.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

Technical Consultancy is always available to ensure optimum specification and performance. For full details contact: -



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