

## Quick Dry Electrostatic Enamel

### Production Description

Omega Quick Dry Electrostatic Enamel is a single pack quick drying alkyd-based enamel, formulated for use in electrostatic spraying applications directly from container. It is suitable for most metal or steel surfaces such as machinery, tools, pipes, etc. Requires no on-site adjustments to produce effective electrostatic wrap during application. Excellent adhesion to ferrous surfaces. Good durability

### Areas of Application

Structural steel, tanks, bridges, cranes, wharf, and shore installations. Recommended as a primer for protection of structural steel tanks, bridges, cranes, wharf and shore installations, equipment in industrial and marine environment. Weldable in thin coats

### Technical Data

Colour	Standard colors on Omega Color Chart or customized colors
Gloss level at 60° head	>80
Solid's content	40% by weight
Typical film thickness (per coat)	40 microns (dry), 100 microns (wet)
Toxicity	Dry film is not toxic
Thinning & Clean Up	Electrostatic Thinner
Theoretical Coverage*	10 sq.m. / litre for 40 microns (dry)
Drying Time (at 25 C & RH 60%) **	Touch dry in 15 Mins ** / Recoat after 8 hours**
Specific Gravity	0.93-0.97 kg/L (depends on colour)
Shelf Life	At least 12 months

\*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

\*\* Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

### Method of Application

Airless spray or conventional Air spray.

#### Airless Spray

- Recommended thinner                      Electrostatic Thinner
- Volume of thinner                            up to 5%
- Nozzle orifice                                 approx. 0.46 mm (0.018 inch)
- Nozzle pressure                                15 MPa (2100 psi)

#### Air Spray

- Recommended thinner                      Electrostatic Thinner
- Volume of thinner                            up to 10%
- Nozzle orifice                                 1.8 - 2 mm
- Nozzle pressure                                0.3 - 0.4 (50 - 60 psi)

### Application

Use a masking tape suitable for small or irregular shaped surfaces. Avoid over spraying/brushing as the paint dries fast. Apply 2 fine coats instead of one thick coat to avoid sagging. Must provide adequate ventilation during use.



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### Surface Preparation

Apply Omega Zinc Phosphate primer after appropriate surface preparation. If required suitable undercoat may be used over primer.

For maintenance purpose touch up bare metal areas with suitable primer before application of Quick Dry Electrostatic Enamel.

On galvanized surfaces, apply a coat of Omega Super Etch primer after proper surface preparation before applying Quick Dry Electrostatic Enamel.

Note: Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times. Do not apply when surface temperature is below 10<sup>0</sup> C or above 35<sup>0</sup> C

### Flammability & Transport

- Highly flammable, Dangerous Goods Class 3.2, Flash Point 30<sup>0</sup> C, UN 1263, PG III
- Keep away from heat and flame, eliminate any source of ignition.
- Soak all used cloths and rags immediately in water to prevent self-ignition.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

### Safety & Precautions

- Do not apply when surface temperature is below 10<sup>0</sup> C or above 35<sup>0</sup> C
- Use only the recommended thinner for dilution and cleaning.
- Provide adequate ventilation during use.
- Please refer to the Material Safety Data sheet before using the product.
- Keep out of reach of children
- Check cross cut adhesion test of old coating before recoating.

### First Aid

- If swallowed, do not induce vomiting. Give plenty of water to drink. Contact a doctor or the Poisons Information Centre. Phone 131126 (Australia).
- If in eyes, hold eyes open and flood with water for at least 15 minutes. Seek medical attention if any irritation persists.
- If on Skin, remove contaminated clothing, wash skin thoroughly with soap and water. Do not use solvents.
- If affected by inhalation, remove person to fresh air. If breathing difficulties persist or occur later, contact a medical doctor

Disclaimer: In lieu of all warranties expressed or implied, the seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential, arising out of the use of or inability to use this product. Since the use and application of this product is beyond the control of the seller and the manufacturer, the purchaser and user assume all risk and liability whatsoever, in connection with this product therewith.

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