

E500 Enamel

Hammertone



FEATURES

E500 Hammertone Enamel is a premium quality, extremely fast drying copolymer alkyd enamel.

The polymer system ensures the maximum in durability, gloss, flexibility, strength and hardness characteristics.

E500 Hammertone Enamel has a hammertone gloss finish and is available in a range of colours.

Custom colours can be produced upon request.

RECOMMENDED USES

E500 Hammertone Enamel is designed to be applied to any surface that requires a high gloss single pack hammertone finish.

It is the ideal coating for use in the following applications:

- Machinery and equipment
- Agricultural equipment
- Metal implements
- General industrial use
- Office and electrical equipment

SPECIFICATION DATA

Colour:	Silver, Gun Metal, Sapphire Blue	Dry Film Thickness:	40 - 50 μ DFT
Finish:	Gloss	Wet Film Thickness:	140 - 180 μ WFT
Density:	~0.92 g/cc ⁽¹⁾	Coverage:	6 - 7 m ² / litre @ 40 μ DFT
Volume Solids:	~ 28% ⁽¹⁾	Number of Coats:	1 coat
Packaging:	4 and 20 litre	Touch Dry:	5 - 10 minutes @ 25°C
Application:	Air and airless spray	Dry to Handle:	60 minutes
Thinner:	Thinner E243 or Enamel Retarder Thinner	Hard Dry:	8 hours @ 25°C
Cleanup:	Thinner E243	Storage:	Store under cool dry conditions away from heat and sources of ignition.

(1) Based on E500 Hammertone Silver

PERFORMANCE

Temperature Resistance:	Up to 90°C dry heat
Abrasion Resistance:	Good
Weatherability:	Good
Solvent Resistance:	Moderate / Good ⁽²⁾
Chemical Resistance:	Moderate; not resistant to strong acids or alkalis. Resists rain and condensation, not suitable for immersion.

⁽²⁾ Resists alcohols, mineral turps, and enamel thinners. Not resistant to Aromatic solvents, ketones, esters and chlorinated solvents.

DIRECTIONS FOR USE

Ensure all surfaces are clean, dry, and free from contamination. The primer surface should be sanded smooth and dried thoroughly prior to application.

E500 Hammertone Enamel is best applied by conventional or airless spray. Add the appropriate amount of **Cameleon E243 Thinner** or **Enamel Retarder Thinner** depending on the type of application equipment and environmental conditions. Typical conventional spray set up should have air pressures of Pot: 60 - 100 kPa (10 - 15 psi); Gun: 380 - 420 kPa (55 - 60 psi). Airless spray set up should have a 28:1 pump ratio and an air supply of 520 - 650 kPa (80 - 100 psi).

Apply one mist coat, allow to flash off, then apply one full coat.

Stir well and ensure colour is as required before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **E243 Thinner** or Mineral Turps.

Ensure that all equipment is fully rinsed if using conventional enamels: contamination with **E500 Hammertone Enamel** will cause surface defects with conventional enamels. Do not re-use wash thinners in other enamels.

DO NOT apply if temperature is below 10°C or if relative humidity is >85%

Typical Specifications

Surface	Preparation	System	Dry Film Build
Steel	Ensure surface is clean, dry and free from grease, oil, or other surface contaminants. Abrasive blast to AS1627.4 class 2, or power tool clean to AS1627.2	1. Camprime PS200, Satinprime IP415 2. E500 Hammertone Enamel	50µ 40 - 50µ
Aluminium, Zinc Alum or galvanised metals	Thoroughly scrub the surface to remove any white corrosion products and surface contamination (oil, grease etc). Prepare substrate to SSPC-SP-1.	1. Cametch VP628 2. E500 Hammertone Enamel	15 - 20µ 40 - 50µ

PRECAUTIONS

IMPORTANT! See the Safety Data Sheet (SDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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