

# E460 Rapid Dry

General Purpose Industrial Enamel



## FEATURES

**E460 Rapid Dry Enamel** is a premium quality, extremely fast drying copolymer alkyd enamel.

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

**E460 Rapid Dry Enamel** has a smooth gloss finish and is available in a large range of colours. Custom colours can be produced on request.

## RECOMMENDED USES

**E460 Rapid Dry Enamel** is designed to be applied to any surface that requires a rapid drying gloss enamel finish.

It is the ideal coating for use in the following suitably primed:

- Metal implements
- Machinery and equipment
- Tractors and agricultural equipment
- Mining and engineering equipment
- Office and electrical equipment

Available in a range of factory colours, and custom colours upon request.

## SPECIFICATION DATA

<b>Colour:</b>	Standard Colours	<b>Dry Film Thickness:</b>	40 - 50µ DFT
<b>Finish:</b>	High Gloss	<b>Wet Film Thickness:</b>	100 - 130µ WFT
<b>Density:</b>	~1.10 g/cc <sup>(1)</sup>	<b>Coverage:</b>	8 - 9 m <sup>2</sup> / litre @ 40µ DFT
<b>Volume Solids:</b>	~39% <sup>(1)</sup>	<b>Number of Coats:</b>	2 coats
<b>Packaging:</b>	1, 2, 4 and 20 litre	<b>Touch Dry:</b>	5 minutes @ 25°C
<b>Application:</b>	Air or airless spray	<b>Dry to Handle:</b>	1 hour
<b>Thinner:</b>	Thinner E243 or Enamel Thinner	<b>Hard Dry:</b>	8 hours @ 25°C
<b>Cleanup:</b>	Thinner E243	<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.

<sup>(1)</sup> Based on E460 Rapid Dry White

## PERFORMANCE

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

<sup>(2)</sup> 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.

**E460 Rapid Dry Enamel** is best applied by conventional or airless spray. Add the appropriate amount of **Cameleon E243 Thinner** or **Enamel 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. Recoat within 1 - 2 hours, or after 24 hours.

**Cameleon E248 Enamel Additive** may be added to enhance drying, hardness, chemical resistance, gloss and durability. Add at the rate of 250 mls per 4 litres of **E460 Rapid Dry Enamel**.

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

**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. Metalprime; or Satin Prime 2. E460 Rapid Dry Enamel	50µ 80 - 100µ <sup>(3)</sup>
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. E460 Rapid Dry Enamel	15 - 20µ 80 - 100µ <sup>(3)</sup>

<sup>(3)</sup> Note: 2 coats at 40 - 50 µ DFT per coat recommended.

## PRECAUTIONS

**IMPORTANT!** See the Cameleon Paints General Safety Data Sheet, Product label, and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

## CAMELEON PAINTS

### Manufacturers of a complete range of quality paints

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