

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 for the following suitably primed:

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

SPECIFICATION DATA

Colour:	Standard Colours	Dry Film Thickness:	40 - 50µ DFT
Finish:	High Gloss	Wet Film Thickness:	100 - 130µ WFT
Density:	~1.10 g/cc ⁽¹⁾	Coverage:	8 - 9 m ² / litre @ 40µ DFT
Volume Solids:	~39% ⁽¹⁾	Number of Coats:	2 coats
V.O.C.:	517 g/L ⁽¹⁾	Touch Dry:	5 minutes @ 25°C
Packaging:	4 and 20 litre	Dry to Handle:	1 hour
Application:	Air or airless spray	Hard Dry:	8 hours @ 25°C
Thinner:	Thinner E243 or Enamel Thinner	Storage:	Store under cool dry conditions away from heat and sources of ignition.
Cleanup:	Thinner E243		

⁽¹⁾ Based on E460 Rapid Dry White

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.

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. Camprime PS200 or Satinprime IP415 2. E460 Rapid Dry Enamel	50µ 80 - 100µ ⁽³⁾
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 ⁽³⁾

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

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

A Division of Red Fire Holdings PTY Ltd ABN 65 009 407 381
26 Paramount Drive, Wangara, Western Australia 6065
PO Box 1473, Wangara, Western Australia 6947
Telephone (+61) 8 9302 2577 Fax (+61) 8 9302 2578

email@cameleon.com.au

www.cameleon.com.au

Disclaimer

This is not a specification, and all the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.