

E288 SprayEnamel

General Purpose **HighGloss**



FEATURES

E288 Spraying Enamel is a premium quality general purpose high gloss spraying enamel based on a new technology modified polymer system. This system combines extremely high initial gloss with excellent gloss retention and UV stability.

E288 Spraying Enamel exhibits excellent adhesion with out-standing hardness and scratch resistance; and due to the unique solvent blend, a multi-level drying system that allows easy application, excellent flow and minimal dry spray.

E288 Spraying Enamel has fast through-dry properties, achieving maximum hardness much quicker than standard enamels.

RECOMMENDED USES

E288 Spraying Enamel is designed to be applied to any surface that requires a high gloss single pack durable finish.

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

- Suitably primed structural steel
- Machinery and equipment
- Agricultural equipment
- Metal implements
- General industrial use

Produced in numerous colour bases using light fast pigments, **E288 Spraying Enamel** is available in a large colour range.

SPECIFICATION DATA

Colour:	White, Standard Cameleon colour range.	Dry Film Thickness:	40 - 50 μ DFT
Finish:	High Gloss	Wet Film Thickness:	100 - 125 μ WFT
Density:	\sim 1.07 g/cc ⁽¹⁾	Coverage:	8 - 9 m ² / litre @ 40 μ DFT
Volume Solids:	\sim 40% ⁽¹⁾	Number of Coats:	2 coats
Packaging:	1,2, 4, and 20 litre	Touch Dry:	15 - 30 minutes @ 25 $^{\circ}$ C
Application:	Air and airless spray	Dry to Handle:	2 - 3 hours
Thinner:	Thinner E243 or Enamel Retarder Thinner	Hard Dry:	8 hours @ 25 $^{\circ}$ C
Cleanup:	Thinner E243	Storage:	Store under cool dry conditions away from heat and sources of ignition.

⁽¹⁾ Based on E288 Spraying Enamel White

PERFORMANCE

Temperature Resistance:	Up to 90 $^{\circ}$ C dry heat
Abrasion Resistance:	Very Good
Weatherability:	Very 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.

E288 Spraying 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. Recoat within 1 - 2 hours, or after 24 hours.

May be applied by brush or roller if reduced 10 - 20% with **Enamel Retarder Thinner**.

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 **E288 Spraying Enamel**.

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

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. E288 Spraying Enamel	50µ 80 - 100µ ⁽³⁾
Timber	Clean, carry out any repairs. Ensure surface is clean, dry and free from dust or other surface contaminants.	1. Timbaprime (spot-prime bare timber) 2. Galactic 3. E288 Spraying Enamel	30 - 40µ 50 - 75µ 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. E288 Spraying Enamel	15 - 20µ 80 - 100µ
Pre-painted surfaces, concrete or masonry	Sand, repair if required and thoroughly clean the surface. <i>Smooth concrete should be acid etched.</i>	3. Acritec 4. E288 Spraying Enamel	40 - 50µ 80 - 100µ ⁽³⁾

⁽³⁾ 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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