

# E427 Supersheen

## Auto Enamel



### FEATURES

**E427 Supersheen Auto Enamel** is a premium quality automotive spraying enamel. The modified polymer system produces a coating with out-standing gloss retention, colour fastness and UV stability which are all important characteristics required for automotive applications.

The initial gloss, adhesion and hardness of **E427 Supersheen** are excellent making it the ideal choice in a wide range of applications.

### RECOMMENDED USES

**E427 Supersheen Auto Enamel** is designed to be applied to any surface that requires an automotive quality, durable finish.

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

- Suitably primed auto bodies
- 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 - 50 $\mu$ DFT
<b>Finish:</b>	High Gloss	<b>Wet Film Thickness:</b>	110 - 135 $\mu$ WFT
<b>Density:</b>	~0.98 g/cc <sup>(1)</sup>	<b>Coverage:</b>	8 - 9 m <sup>2</sup> / litre @ 40 $\mu$ DFT
<b>Volume Solids:</b>	~ 37% <sup>(1)</sup>	<b>Number of Coats:</b>	2 coats
<b>Packaging:</b>	4 and 20 litre	<b>Touch Dry:</b>	15 - 25 minutes @ 25 $^{\circ}$ C
<b>Application:</b>	Air and airless spray	<b>Dry to Handle:</b>	2 - 3 hours
<b>Thinner:</b>	Thinner E243 or Enamel Retarder Thinner	<b>Hard Dry:</b>	8 hours @ 25 $^{\circ}$ 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 E427 Supersheen White

### PERFORMANCE

<b>Temperature Resistance:</b>	Up to 90 $^{\circ}$ 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.

**E427 Supersheen Auto 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 **E427 Supersheen Auto Enamel**.

Stir well and ensure colour is as required before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **Enamel Thinner** 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. E427 Supersheen	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. E427 Supersheen	15 - 20µ 80 - 100µ

<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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