

# CamprimePS200

## AntiCorrosiveSurfacer



### FEATURES

**Camprime PS200** is a premium anti-corrosive primer surfacer for use in industrial applications.

Formulated with a special blend of anti-corrosive pigments and fillers, **Camprime PS200** is very fast drying, and exhibits excellent filling, sanding and surfacing properties. **Camprime PS200** may be top-coated with both traditional alkyd finishes, as well as premium two-pack acrylic urethanes.

May also be applied to timber and composite timber for use as a sanding surfacer.

### RECOMMENDED USES

**Camprime PS200** is an ideal shop or field primer for the protection of a variety of substrates. It is excellent where fast drying, early recoat and sanding properties are desired, especially in the following applications:

- Structural steel
- Heavy machinery and equipment
- Mining equipment
- Agricultural equipment
- Metal implements
- Auto bodies, trailers
- Composite timbers

### SPECIFICATION DATA

<b>Colour:</b>	Light Grey, Buff	<b>Dry Film Thickness:</b>	45 - 50 $\mu$ DFT
<b>Finish:</b>	Low Sheen	<b>Wet Film Thickness:</b>	135 - 140 $\mu$ WFT
<b>Density:</b>	~1.3 g/cc	<b>Coverage:</b>	7 - 8 m <sup>2</sup> / litre @ 45 $\mu$ DFT
<b>Volume Solids:</b>	~40%	<b>Number of Coats:</b>	1 - 2 coats (wet on wet)
<b>Packaging:</b>	4 and 20 litre	<b>Touch Dry:</b>	<sup>(1)</sup> 10 - 15 minutes @ 25°C
<b>Application:</b>	Spray, small areas by brush	<b>Dry to Handle:</b>	30 minutes <sup>(1)</sup>
<b>Thinner:</b>	Thinner E243	<b>Dry to recoat:</b>	<sup>(1)</sup> 4 hours @ 25°C with itself or enamel finish. 6 hours minimum for 2 pack acrylic urethanes.
<b>Cleanup:</b>	Thinner E243 or Gun Wash	<b>Full Cure:</b>	7 days
<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.		

<sup>(1)</sup> 50 microns Dry Film Thickness @ 25°C and 50% Relative Humidity, without EA248 Enamel Additive.

### PERFORMANCE

<b>Temperature Resistance:</b>	Up to 120°C dry heat
<b>Sanding / Surfacing:</b>	Excellent
<b>Weatherability:</b>	Good. Excellent when top-coated.
<b>Solvent Resistance:</b>	Moderate / Good

## DIRECTIONS FOR USE

Ensure all surfaces are clean, dry, and free from contamination. Surface contamination such as alkali, rust or oxide deposits should be removed prior to painting. **Camprime PS200** is best applied by conventional or airless spray. Thinning is not normally required, but an addition of 5 – 10% **E243 Thinner** may be added if required. 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). Small areas may be applied by brush.

Abrasive blasted areas must be primed within 4 hours. Aluminium substrates should be scoured with soap and a 3M Scotchbrite® pad until water sheets off without breaks.

Product may be wet or dry sanded. To decrease sanding and recoat time use **Cameleon EA248 Enamel Additive** at 250ml per 4 litres of **Camprime PS200**. Optimal finish coat gloss will be achieved if the **Camprime PS200** is sanded with 220 - 240 grit Wet & Dry prior to top-coating. As with wet sanding all sanding surfacers, ensure that the **Camprime PS200** is allowed to totally dry before applying further coats. Failure to do so can lead to water entrapment, which may lead to blistering of the final coat.

Stir well before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **E243 Thinner** or **Gun Wash**.

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

### Typical Specifications

Surface	Preparation	System	Dry Film Build
New Steel / Zinc Alum	Thoroughly degrease the surface as per SSPC-SP-1.	1. Camprime PS200 2. [Cameleon Finish] <sup>(1)</sup>	90 - 100µ* 40 - 50µ
Rusted 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 2. [Cameleon Finish] <sup>(1)</sup>	90 - 100µ* 40 - 50µ
Aluminium	Abrade the surface with soap and 3M Scotchbrite® pad, ensuring water sheets off without breaks. Allow to dry and then apply primer.	1. Camprime PS200 2. [Cameleon Finish] <sup>(1)</sup>	90 - 100µ* 40 - 50µ
Composite Timber	Ensure surface is clean and dry. Apply first coat thinned 10-20% to aid penetration and seal the surface.	1. Camprime PS200 2. Camprime PS200 3. [Cameleon Finish] <sup>(1)</sup>	45 - 50µ 90 - 100µ* 40 - 50µ

*\*Apply sufficient coats of Camprime PS200 to obtain the desired surface properties.*

<sup>(1)</sup>Camprime PS200 may be top-coated with Cameleon's E288 Spraying Enamel, E460 Spraying Enamel, Camtect AG692, Camtect AU660 Acrylic Urethanes or Camsafe IF898 Iso Free Finish.

## 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.

Always wear suitable dust masks when dry sanding any coating.

## CAMELEON PAINTS

### Manufacturers of a complete range of quality paints

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