

EquiprimeIPS190

AntiCorrosiveSurfacer



FEATURES

Equiprime IPS190 is a high quality anti-corrosive primer surfacer for use in industrial applications.

Formulated with a special blend of anti-corrosive pigments and fillers, **Equiprime IPS190** is very fast drying, and exhibits excellent filling, sanding and surfacing properties.

Equiprime IPS190 may be topcoated with both traditional alkyd finishes, as well as premium two-pack acrylic urethanes.

RECOMMENDED USES

Equiprime IPS190 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

SPECIFICATION DATA

Colour:	Grey, Red Oxide, Buff	Dry Film Thickness:	45 - 50µ DFT
Finish:	Semi-Gloss	Wet Film Thickness:	135 - 140µ WFT
Density:	~1.26 g/cc	Coverage:	7 - 8 m ² / litre @ 45µ DFT
Volume Solids:	~36%	Number of Coats:	1 - 2 coats (wet on wet)
Packaging:	4 and 20 litre	Touch Dry:	⁽¹⁾ 10 - 15 minutes @ 25°C
Application:	Spray, small areas by brush	Dry to Handle:	30 minutes ⁽¹⁾
Thinner:	Thinner E243	Dry to recoat:	⁽¹⁾ 4 hours @ 25°C with itself or enamel finish. 6 hours minimum for 2 pack acrylic urethanes.
Cleanup:	Thinner E243 or Gun Wash	Full Cure:	7 days
Storage:	Store under cool dry conditions away from heat and sources of ignition.		

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

PERFORMANCE

Temperature Resistance:	Up to 120°C dry heat
Sanding / Surfacing:	Excellent
Weatherability:	Good. Excellent when top-coated.
Solvent Resistance:	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. **Equiprime IPS190** 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. Optimal finish coat gloss will be achieved if the **Equiprime** is sanded with 220 - 240 grit Wet & Dry prior to top-coating. As with wet sanding all sanding surfacers, ensure that the **Equiprime** 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. Equiprime IPS190 2. [Cameleon Finish] ⁽¹⁾	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. Equiprime IPS190 2. [Cameleon Finish] ⁽¹⁾	90 - 100µ * 40 - 50µ
Aluminium / Galvanising	Abrade the surface with soap and 3M Scotchbrite® pad, ensuring water sheets off without breaks. Allow to dry and then apply primer.	1. Equiprime IPS190 2. [Cameleon Finish] ⁽¹⁾	90 - 100µ * 40 - 50µ

**Apply sufficient coats of Equiprime IPS190 to obtain the desired surface properties.*

⁽¹⁾Equiprime IPS190 may be top-coated with Cameleon's E288 Spraying Enamel, E460 Spraying Enamel, Camtect AG692, Camtect AU660 Acrylic Urethanes or Camsafe IF898 Isocyanate Free.

PRECAUTIONS

IMPORTANT! See the Safety Data Sheet (SDS) for health and safety information prior to use.

Always wear suitable dust masks when dry sanding any coating.

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.