

Fosguard EP266

Self Priming Industrial Coating



FEATURES

Fosguard EP266 is a self-priming, fast drying direct to metal semi-gloss enamel.

The finish produced is smooth, hard and particularly durable. **Fosguard EP266** provides good protection in exterior situations for most industrial applications.

Formulated with the ant-corrosive Zinc Phosphate, **Fosguard EP266** will provide protection to steel in moderately corrosive environments.

RECOMMENDED USES

Fosguard EP266 is recommended wherever a self-priming semi-gloss finish is desired in an industrial application. It will find uses in the following applications:

- Machinery and equipment
- Tractors and agricultural equipment
- Mining and engineering equipment
- Trailers
- Garbage disposal containers

SPECIFICATION DATA

Colour:	White, Standard Cameleon colour range.AS2700 Colours	Dry Film Thickness:	40 - 50µ DFT
Finish:	Semi Gloss	Wet Film Thickness:	105 - 130µ WFT
Density:	~1.10 g/cc ⁽¹⁾	Coverage:	8 - 9 m ² / litre @ 40µ DFT
Volume Solids:	~ 38% ⁽¹⁾	Number of Coats:	2 coats
Packaging:	4 and 20 litre	Touch Dry:	15 minutes @ 25°C
Application:	Air and airless spray	Dry to Handle:	2 - 3 hours @ 25°C
Thinner:	Thinner E243 or Mineral Turps	Hard Dry:	8 hours @ 25°C
Cleanup:	Mineral Turps	Storage:	Store under cool dry conditions away from heat and sources of ignition.

⁽¹⁾ Based on Fosguard EP266 White

PERFORMANCE

Temperature Resistance:	Up to 90°C dry heat
Abrasion Resistance:	Good
Weatherability:	Fair / Good
Solvent Resistance:	Moderate / Good ⁽²⁾
Chemical Resistance:	Moderate; not resistant to strong acids or alkalis. Resists rain and condensation, not suitable for immersion.
Corrosion Resistance:	Tested to ASTM B117/ ISO 9227, Passed Salt Spray exposure of 250 Hours
Adhesion:	Excellent – tested directly applied to steel

⁽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. Fosguard EP266 may be applied directly to suitably prepared unprimed steel. Aluminium, zinc aum and galvanised surfaces should be etch primed with **Cameleon Cametch VP628**.

Fosguard EP266 is best applied by conventional or airless spray. Add the appropriate amount of **Cameleon E243 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 **Fosguard EP266**.

Stir well and ensure colour is as required before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **E243 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. Fosguard EP266 2. Fosguard EP266	40 - 50µ 40 - 50µ
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. Fosguard EP266 3. Fosguard EP266	15 - 20µ 40 - 50µ 40 - 50µ
Previously Painted Surfaces	Thoroughly sand the surface down to provide a sound substrate. Ensure the surface is clean, free from dust, oils, grease or other surface contamination.	1. Fosguard EP266 2. Fosguard EP266	40 - 50µ 40 - 50µ

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.