

ZincPrimeAP80

MetalPrimer



FEATURES

Zincprime AP80 is a premium quality high Zinc content metal primer.

Formulated with a combination of resin systems that afford excellent adhesion to metal substrates, **Zincprime AP80** is ideal for use as a cold galvanising coating, drying to a hard abrasion resistant finish.

The high Zinc content provides galvanic protection to the metal by allowing maximum contact to the steel surface. **Zincprime AP80** has fast through dry characteristics that enable early recoat.

The product has been formulated for various application types and has excellent can and storage stability.

This formulation meets the requirements of AS/NZS 3750.9:2009. The zinc content in the dry film exceeds 90% w/w

RECOMMENDED USES

Zincprime AP80 is ideal for general purpose cold galvanising work to provide cathodic protection to steel work. It is recommended for use in the following areas:

- Mining industry
- Trailers
- Oil and petroleum industries
- Heavy machinery
- General construction

SPECIFICATION DATA

Colour:	Metallic Grey	Volume Solids:	~45%
Finish:	Matt	Dry Film Thickness:	30 - 60µ DFT
Density:	~1.76 g/cc	Wet Film Thickness:	70 - 130µ WFT
Packaging:	1 and 4 litre	Coverage:	~ 10 m ² / litre @ 50µ DFT
Application:	Spray, brush and dip	Number of Coats:	1 - 2 coats
Thinner:	Thinner E243	Touch Dry:	20 - 30 minutes @ 25°C
Cleanup:	Thinner E243 or mineral turps	Dry to Recoat:	6 - 8 hours
Storage:	Store under cool dry conditions away from heat and sources of ignition.	Hard Dry:	4 - 5 hours
		Full Cure:	7 days

PERFORMANCE

Temperature Resistance:	Up to 130°C dry heat
Abrasion Resistance:	Excellent
Weatherability:	Very Good; Excellent when topcoated.
Solvent Resistance:	Good
Chemical Resistance:	Moderate
Water Resistance:	Good

DIRECTIONS FOR USE

Ensure surface to be painted is clean, dry and free from dust, grease, oil or other surface contaminants. Degrease the surface as per SSPC-SP-1. Surface contamination such as alkali, acid, oxide deposits, mill scale or rust should be removed completely by abrasive blasting, acid descaling or mechanical abrasion.

Zincprime AP80 may be applied by various methods including; conventional spray, airless spray, pressure pot spray, dipping, flood coating or brush.

For spray application, and if required, thin up to 15% with **Cameleon Thinner E243**, or in warm conditions with Mineral Turps. Apply even passes to achieve the required film build. Apply second coat if required after 3 - 4 hours.

Flood coating or dipping is possible using **Zincprime AP80** and an appropriate bath system. The product should be diluted using **Cameleon Thinner E243** or Mineral Turps (in warm conditions) to a viscosity that allows adequate film build without excessive sagging. This will vary for conditions, objects being coated and application set-up.

For application by brush, thin up to 10% with Mineral Turps.

Provide adequate natural ventilation during use. Wash equipment immediately after use with **Cameleon E243** or **Mineral Turps**.

DO NOT apply if temperature is below 10°C unless temperature is rising.

Typical Specifications

Surface	*Preparation	System	Dry Film Build
Steel	For best performance abrasive blast to AS1627.4 Class 2 ½ ; if this is impractical then prepare surface to AS1627.7 or AS1627.2	1. Zincprime AP80 2. [Cameleon Finish] ⁽¹⁾	50µ 40 - 50µ

⁽¹⁾Top coat with *Cameleon E288, E427, E460 or GP505 enamels*

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

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