

AllZinc

ColdGalvanising



FEATURES

All Zinc is an alkyd based, organic zinc cold galvanising primer designed for use on suitably prepared steel substrates.

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

The Zinc content provides galvanic protection to the metal by allowing maximum contact to the steel surface. **All Zinc** 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.

RECOMMENDED USES

All Zinc is ideal for general purpose application to clean, surface prepared, black steel substrates. This cold galvanising process provides cathodic protection to steel work. It is recommended for use in the following areas:

- Trailers, and automotive
- Heavy machinery
- General construction
- Domestic use
- Lintels and frames

SPECIFICATION DATA

| | | | |
|---------------------|---|----------------------------|---|
| Colour: | Metallic Grey | Volume Solids: | ~36% |
| Finish: | Matt | Dry Film Thickness: | 30 - 60 μ DFT |
| Density: | ~1.53 g/cc | Wet Film Thickness: | 80 - 170 μ WFT |
| Packaging: | 1 and 4 litre | Coverage: | ~ 8 m ² / litre @ 50 μ DFT |
| Application: | Spray and brush | Number of Coats: | 1 - 2 coats |
| Thinner: | Thinner E243 | Touch Dry: | 10 - 15 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 110°C dry heat |
| Abrasion Resistance: | Excellent |
| Weatherability: | Very Good; Excellent when topcoated. |
| Solvent Resistance: | Moderate |
| 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.

All Zinc may be applied by various methods including; conventional spray, airless spray, pressure pot spray, 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.

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. Do not apply if the Relative Humidity is above 85%.

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. All Zinc 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 PAINTS

Manufacturers of a complete range of quality paints

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