

CampoxyZR

Zinc Rich Epoxy



FEATURES

Campoxy ZR is a premium quality 2 pack polyamide epoxy zinc coating, formulated specifically for general industrial applications.

Campoxy ZR exhibits excellent adhesion, moisture and abrasion resistance and due to the high zinc content in the dry film, provides galvanic corrosion resistance. It is the ideal direct to metal primer where the maximum protection possible is desired.

RECOMMENDED USES

Campoxy ZR is ideally suited for the following applications:

- Chemical industry
- Mining industry
- Oil and petroleum industries
- Water and sewerage installations
- Heavy machinery and marine applications
- General construction

SPECIFICATION DATA

Colour:	Metallic Grey	Mixed Volume Solids:	~51%
Finish:	Matt	Dry Film Thickness:	50µ DFT minimum
Mixed Density:	~2.31 g/cc	Wet Film Thickness:	100µ WFT
Packaging:	4 litre kits	Coverage:	~ 10 m ² / litre @ 50µ DFT
Mix Ratio:	4 parts base: 1 part hardener.	Number of Coats:	1 coat
Application:	Spray and brush	Pot Life:	4 hours @ 25°C
Cleanup:	Epoxy Thinner	Touch Dry:	90 minutes @ 25°C
Storage:	Store under cool dry conditions away from heat and sources of ignition.	Dry to Recoat:	8 hours
		Hard Dry:	4 - 5 hours
		Full Cure:	7 days

PERFORMANCE

Temperature Resistance:	Up to 200°C dry heat
Abrasion Resistance:	Excellent
Weatherability:	Good; Excellent when topcoated.
Solvent Resistance:	Excellent
Chemical Resistance:	Good to alkalis, not strong acids.

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.

Mix 4 parts by volume of **Campoxy ZR** base with 1 part by volume of **Campoxy ZR** hardener. Allow to stand for 10 minutes prior to application.

If thinning is required then use **Epoxy Thinner**.

Campoxy ZR is best applied by airless spray with a pump ratio of at least 30:1 and a fluid tip of 480 - 530 μ (19 - 21 thou), however it may also be applied by conventional spray or by brush.

Provide adequate natural ventilation during use. Wash equipment immediately after use with **Cameleon Epoxy Thinner**.

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. Campoxy ZR 2. Campoxy EHB585 3. Camsafe IF898 ⁽¹⁾	50 - 75 μ 150 - 200 μ 50- 75 μ

⁽¹⁾ *Optional top-coat*

PRECAUTIONS

**Note: The figures quoted for pot-life and drying times may vary with local conditions - such as ambient temperature and humidity, storage conditions, and volume mixed. If the temperature is high (>25°C), the material is stored in the open, or a large volume is mixed, then the pot-life will be significantly reduced.*

IMPORTANT! See the Product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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