

Campoxy ZP550

General Purpose Epoxy



FEATURES

Campoxy ZP550 is a premium quality two pack polyamide epoxy coating, formulated specifically for general industrial applications.

Campoxy ZP550 exhibits excellent adhesion, chemical and solvent resistance, and a high level of corrosion resistance.

RECOMMENDED USES

Campoxy ZP550 is a medium build; medium volume solids coating that will provide excellent adhesion, chemical, solvent and abrasion resistance. It 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:	White, Red Oxide and Grey	Mixed Volume Solids:	~51%
Finish:	Low sheen	Dry Film Thickness:	50µ DFT
Density:	~1.36 g/cc	Wet Film Thickness:	100µ WFT
Packaging:	2, 4 and 20 litre kits	Coverage:	~ 10 m ² / litre @ 50µ DFT
Mix Ratio:	1 part base: 1 part hardener	Number of Coats:	1 coat
Application:	Spray, small areas by brush	Pot life:	6 hours @ 25°C
Thinner:	Epoxy Thinner	Touch Dry:	90 minutes @ 25°C
Cleanup:	Epoxy Thinner	Dry to Recoat:	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:	Good; Excellent when topcoated.
Solvent Resistance:	Excellent
Chemical Resistance:	Excellent

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 1 part by volume of base to 1 part by volume of hardener. Allow to stand for 10 minutes prior to thinning and application.

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

Campoxy ZP550 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 small areas 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 ZP550	50 μ
		2. Campoxy EHB585	200 μ
		3. Camtect AU660 ⁽¹⁾	40 - 50 μ
		1. Campoxy ZP550	50 μ
		2. Camtect AU660	40 - 50 μ

⁽¹⁾ Top coat with Cameleon Camtect AU660 optional

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 Cameleon Paints General Safety Data Sheet, Product label, and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

CAMELEON PAINTS

Manufacturers of a complete range of quality paints

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