

# Campoxy ER 559

Early Recoat **Epoxy Primer**



## FEATURES

**Campoxy ER 559** is a premium quality two pack polyamide epoxy coating, which has a fast cure time which allow early recoat with itself or a topcoat.

**Campoxy ER 559** exhibits excellent adhesion, chemical and solvent resistance, and a high level of corrosion resistance.

**Campoxy ER 559** contains a high level of zinc phosphate and is particularly suited when dry film builds of 100 microns are required from the primer coat.

## RECOMMENDED USES

**Campoxy ER 559** 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

<b>Colour:</b>	Red Oxide & Buff	<b>Mixed Volume Solids:</b>	~51%
<b>Finish:</b>	Low sheen	<b>Dry Film Thickness:</b>	50µ - 100µ DFT
<b>Density:</b>	~1.36 g/cc	<b>Wet Film Thickness:</b>	100µ WFT per coat
<b>Packaging:</b>	2, 4 and 20 litre kits	<b>Coverage:</b>	~ 10 m <sup>2</sup> / litre @ 50µ DFT
<b>Mix Ratio:</b>	1 part base: 1 part hardener	<b>Number of Coats:</b>	1 - 2 coat
<b>Application:</b>	Spray, small areas by brush	<b>Pot life:</b>	4 hours @ 25°C
<b>Thinner:</b>	Epoxy Thinner	<b>Touch Dry:</b>	45 - 60 minutes @ 25°C
<b>Cleanup:</b>	Epoxy Thinner	<b>Dry to Recoat:</b>	~ 1-1½ hours
<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.	<b>Hard Dry:</b>	3 - 4 hours
		<b>Full Cure:</b>	7 days

## PERFORMANCE

<b>Temperature Resistance:</b>	Up to 110°C dry heat
<b>Abrasion Resistance:</b>	Excellent
<b>Weatherability:</b>	Good; Excellent when topcoated.
<b>Solvent Resistance:</b>	Excellent
<b>Chemical Resistance:</b>	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 ER 559** is best applied by airless spray with a pump ratio of at least 30:1 and a fluid tip of 480 - 530 $\mu$  (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 ER 559	75-100 $\mu$
		2. Campoxy EHB585	200 $\mu$
		3. Camtect AU660 <sup>(1)</sup>	40 - 50 $\mu$
		1. Campoxy ER 559	50-75 $\mu$
		2. Camtect AU660	40 - 50 $\mu$

<sup>(1)</sup> 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 COATINGS

### Manufacturers of a complete range of quality paints

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