

# CampoxyTLE599

## HighBuildTankLiningEpoxy



### FEATURES

**Campoxy TLE599** is a 100% volume solids epoxy coating designed specifically for tank lining. **Campoxy TLE599** is certified to AS/NZS 4020: 2005 Testing of products for use in contact with potable water.

Due to its unique formulation, **Campoxy TLE599** provides high build protection that is solvent and chemical resistant.

It will tolerate damp and cold curing conditions down to 5°C, and displays good adhesion and abrasion resistance.

### RECOMMENDED USES

**Campoxy TLE599** is ideally suited for coating new and existing storage tanks. It is suitable for storage of a wide range of liquids at temperatures between 5°C - 95°C in the following industries:

- Chemical industry
- Mining industry
- Oil and petroleum industries
- Sewerage installations
- Marine applications

### SPECIFICATION DATA

<b>Colour:</b>	White or light grey	<b>Mixed Volume Solids:</b>	100%
<b>Finish:</b>	Gloss	<b>Dry Film Thickness:</b>	125-200µ per coat
<b>Mixed Density:</b>	1.38 g/cc <sup>(1)</sup>	<b>Wet Film Thickness:</b>	125-200µ per coat
<b>Packaging:</b>	10 litre kits	<b>Coverage:</b>	5-8 m <sup>2</sup> / litre @ 125-200 µ DFT
<b>Mix Ratio:</b>	2 parts base: 1 parts hardener by volume.	<b>Number of Coats:</b>	2 - 3 coats
<b>Application:</b>	Airless spray. Smaller tanks by brush.	<b>Pot Life:</b>	1 hour @ 25°C
<b>Cleanup:</b>	Epoxy Thinner	<b>Touch Dry:</b>	6 hours @ 25°C
<b>Storage:</b>	Store under cool dry conditions.	<b>Dry to Recoat:</b>	16 hours, maximum 24hrs. <sup>(3)</sup>
		<b>Hard Dry:</b>	24 hours @ 25°C
		<b>Full Cure:</b>	7 days

<sup>(1)</sup> Based on Campoxy TLE599 White Kit

<sup>(2)</sup> If recoat window exceeds 24 hours then the first coat must be abraded to ensure adequate inter-coat adhesion

### PERFORMANCE

<b>Temperature Resistance:</b>	Up to 93°C dry heat
<b>Abrasion Resistance:</b>	Excellent
<b>Weatherability:</b>	Excellent; Chalks if left un-topcoated, but does not affect performance.
<b>Solvent Resistance:</b>	Very Good
<b>Chemical Resistance:</b>	Very good to Alkali and salts, but not strong acid, phenol or amine.

## DIRECTIONS FOR USE

Mix 2 parts by volume of base with 1 part by volume of hardener.

**Campoxy TLE599** is best applied by airless spray, using a pump ratio of 60:1, though a pump ratio of 45:1 is normally adequate. Smaller pumps may require adjustment to produce adequate throughput. Use a tip size of 425 - 450 $\mu$  (17 - 18 thou.).

Brush or roller may be used to paint smaller areas, or repair work. Ensure second coat is applied within 24 hours.

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

**DO NOT apply if temperature is below 5°C.**

### Typical Specifications

Surface	*Preparation	System	Dry Film Build
Concrete	New concrete surfaces should be allowed to cure for a minimum of 28 days. Prepare the surface as per Cameleon paints recommendations in " <a href="#">Surface Preparation Standards for Concrete Floors</a> "	1. Campoxy TLE599 2. Campoxy TLE599 3. Campoxy TLE599 (Optional)	125-200 $\mu$ 125-200 $\mu$ 125-200 $\mu$
Steel (for tank lining)	Ensure steel is clean, dry, and free from dirt, grease, oil, or other surface contamination. Abrasive blast to AS1627.4 Class 3 and coat immediately.	1. Campoxy TLE599 2. Campoxy TLE599 3. Campoxy TLE599 (Optional)	125-200 $\mu$ 125-200 $\mu$ 125-200 $\mu$
Steel (non-immersion or open tanks)	Ensure steel is clean, dry, and free from dirt, grease, oil, or other surface contamination. Abrasive blast to AS1627.4 Class 2 and coat immediately.	1. Campoxy ZP550, or; Campoxy TLE599 2. Campoxy TLE599 3. Campoxy TLE599 (Optional)	100 $\mu$ 125-200 $\mu$ 125-200 $\mu$

## 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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