

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:

- Food and Water storage
- Dairy Industry
- Chemical Industry
- Mining industry
- Oil and petroleum industries
- Sewerage installations
- Marine applications

SPECIFICATION DATA

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

⁽¹⁾ Based on Campoxy TLE599 White Kit

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

PERFORMANCE

Temperature Resistance:	Up to 93°C dry heat
Abrasion Resistance:	Excellent
Weatherability:	Excellent; Chalks if left un-topcoated, but does not affect performance.
Solvent Resistance:	Very Good
Chemical Resistance:	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 μ (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 " Surface Preparation Standards for Concrete Floors "	1. Campoxy TLE599 2. Campoxy TLE599 3. Campoxy TLE599 (Optional)	125-200 μ 125-200 μ 125-200 μ
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 μ 125-200 μ 125-200 μ
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 μ 125-200 μ 125-200 μ

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 Coatings General Safety Data Sheet, Product Label, and Safety Data Sheet (SDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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