

# CampoxySFE600

## SolventFreeEpoxy



### FEATURES

**Campoxy SFE600** is a 100% volume solids epoxy coating that is cured by a Cycloaliphatic amine adduct.

Due to this combination, **Campoxy SFE600** has excellent resistance to alkalis, solvents and mild acids. **Campoxy SFE600** provides a strong, durable surface with excellent abrasion resistance and is a permanent moisture barrier.

It will tolerate damp and cold curing conditions and displays good adhesion and abrasion resistance. Fillers and / or aggregate may be added if a trowelling compound is desired.

Campoxy SFE 600 is a solvent free epoxy coating with self-levelling properties.

### RECOMMENDED USES

**Campoxy SFE600** is ideally suited for coating new and existing concrete floors; for concrete repair work, and with the addition of suitable aggregates as a non-skid coating for decks, ramps and stairs. It may be successfully used for the following applications.

- Food & Beverage Preparation Areas
- Chemical industry
- Mining industry
- Oil and petroleum industries
- Water and sewerage installations
- Marine applications
- Specialty Architectural

### SPECIFICATION DATA

<b>Colour:</b>	White, Clear and AS 2700 colours. <sup>(1)</sup>	<b>Mixed Volume Solids:</b>	100%
<b>Finish:</b>	Gloss	<b>Dry Film Thickness:</b>	250 - 3000 $\mu$ <sup>(2)</sup> DFT
<b>Mixed Density:</b>	~1.16 g/cc <sup>(3)</sup>	<b>Wet Film Thickness:</b>	250 - 3000 $\mu$ <sup>(2)</sup> WFT
<b>Packaging:</b>	5 and 10 litre kits	<b>Coverage:</b>	3 - 4 m <sup>2</sup> / litre @ 250 $\mu$ DFT
<b>Mix Ratio:</b>	63 parts base: 37 parts hardener.	<b>Number of Coats:</b>	1-3 coat
<b>Application:</b>	Brush, roller or trowel <sup>(2)</sup>	<b>Pot Life:</b>	2 hours @ 25°C
<b>Cleanup:</b>	Epoxy Thinner	<b>Touch Dry:</b>	6 hours @ 25°C
<b>Storage:</b>	Store under cool dry conditions.	<b>Hard Dry:</b>	24 hours @ 25°C
		<b>Full Cure:</b>	7 days

<sup>(1)</sup> Dependant on filler or aggregate used

<sup>(2)</sup> When used as a trowelable filler

<sup>(3)</sup> Based on Campoxy SFE White kit

### 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. Very good resistance to edible fats and oils.

## DIRECTIONS FOR USE

Mix 0.63 parts by volume of base with 0.37 parts by volume of hardener. Allow to stand for 10 minutes prior to application.

**Campoxy SFE600** is best applied by brush or roller when used as a concrete sealer. When used as a trowelling compound for filling or concrete repair, then immediately after mixing the separate base and hardener components together, add 3 to 5 parts aggregate by weight (on the base component). Apply to sealed surface while the first coat is still tacky. Steel trowel evenly over surface. Finish with a flat trowel, then roller.

**Cameleon Propyltex 20** is preferred non skid additive, which is added to the mixed coating. This can be added at time of manufacture of product or just prior to mixing. It is a lightweight, polymeric filler which will not settle.

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
New 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 SFE Sealer 2. Campoxy SFE600	20 - 40µ 250µ
Aged Concrete	Ensure concrete is clean, dry, and free from dirt, grease, oil, or other surface contamination. Ensure any previous coatings are well adhered to the concrete.	1. Campoxy SFE Sealer 2. Campoxy SFE600(with filler / aggregate if required)	20 - 40µ 250 - 3000µ

## 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 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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