

Campoxy ESP592

High Build Epoxy for Pools & Ponds



FEATURES

Campoxy ESP592 is a premium quality 2 pack epoxy coating, formulated specifically for use in swimming pools and large ponds. With a mixed volume solids of 80%, **Campoxy ESP592** allows for the application of high film builds up to 200µ DFT.

The cured film has the excellent abrasion resistance, chemical, and solvent resistance, which is expected of epoxy coatings. **Campoxy ESP592** has excellent durability when used in water immersion situation and has excellent resistance to chemicals commonly used to clean and sanitise swimming pools.

RECOMMENDED USES

Campoxy ESP592 is a high build; high volume solids coating that will provide excellent moisture, chemical, solvent and abrasion resistance. Due to its high build properties, it is ideal for concrete swimming pools and ponds, including those previously coated with Epoxy.

Campoxy ESP592 is suitable for previously uncoated concrete pools, where **Campoxy SFE Sealer**, is applied as the initial coat to seal and bind the uncoated concrete surface.

SPECIFICATION DATA

Colour:	White & Light Blue	Mixed Volume Solids:	~80% ⁽¹⁾
Finish:	Semi Gloss	Dry Film Thickness:	150 – 200 micron DFT per coat.
Mixed Density:	~1.63 g/cc ⁽¹⁾	Wet Film Thickness:	190 – 250 micron WFT
Packaging:	4,10 and 20 litre kits	Coverage:	4 m ² / litre @ 200µ DFT ⁽¹⁾
Mix Ratio:	4 parts base: 1 part hardener.	Number of Coats:	2 coats
Application:	Roller, Spray small areas by brush	Pot Life:	3 hours @ 25°C
Cleanup:	Epoxy Thinner	Touch Dry:	6 hours @ 25°C
Storage:	Store under cool dry conditions away from heat and sources of ignition.	Dry to Recoat:	16 hours minimum, 48 hours maximum*
		Hard Dry:	16 hours
		Full Cure:	7 days Refill with water after 7 days

⁽¹⁾ Based on CampoxyESP592 White Kit.
*Abrade if greater than 48 hours passes before recoat

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

New concrete surfaces should be clean, dry and free from surface contaminants prior to coating. For optimum results 1 coat of **Campoxy SFE Sealer** should be applied prior to top coating with **Campoxy ESP592**. Surfaces previously coated with epoxy should be high pressure washed to remove contamination, then thoroughly abraded. Wash with fresh, clean water and allow to dry.

Mix 4 parts by volume of **Campoxy ESP592** base with 1 part by volume of **Campoxy ESP592** hardener. Allow to stand for 10 minutes prior to application. Mix enough product to use within the hour prior to mixing more.

Application by roller is the most effective, in swimming pool applications. Use a low/medium nap roller. Apply two, uniform coats, allowing 16 hours, or overnight dry between coats.

Campoxy ESP592 is can also be by airless spray with a pump ratio of at least 40:1 and a fluid tip of 425 - 475 μ (17 - 19 thou). If applying at high builds, ensure the build is gradual with several coats being applied.

Small areas may be touched up 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. DO NOT apply if relative humidity is above 85%.

Typical Specifications

Surface	*Preparation	System	Dry Film Build
New concrete	High pressure water wash, allow to dry.	1. Campoxy SFE Sealer 2. Campoxy ESP592 3. Campoxy ESP592 4. Camtect IFS890 ⁽²⁾	50 μ 150 -200 μ 150 -200 μ 50 μ
Previously painted pools (Epoxy coatings)	High pressure water blast to remove contamination and/or unbound coating. Abrade with P80-P180 sand paper. Wash with fresh clean water and allow to dry.	1. Campoxy ESP592 2. Campoxy ESP592 3. Camsafe IFS890 ⁽²⁾	150 -200 μ 150-200 μ 50 μ

⁽²⁾Top coat with Camsafe IFS890 is 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 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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