

Campoxy LP546

Anticorrosive Epoxy Primer



FEATURES

Campoxy LP546 has been especially formulated for use as a high build anti-corrosive epoxy primer that can be applied to numerous surfaces.

With quick drying, and exceptional pot-life, **Campoxy LP546** provides an excellent base coat for two pack polyurethane finishes. The topcoat can be applied 1 hour after the primer if required. The primer can also be allowed to dry and sanded prior to top coating if desired.

Campoxy LP546 can be used as a high build primer to remove surface imperfections such as orange peel, scratches and brush marks.

RECOMMENDED USES

Campoxy LP546 is a high build, medium volume solids coating that will provide excellent adhesion, gloss hold-out and recoatability. It is ideally suited for the following applications:

- Marine industry, including steel, aluminium, and GRP
- Mining industry
- Heavy machinery
- Truck and trailer bodies
- Agricultural equipment
- Structural steel
- Automotive applications

SPECIFICATION DATA

Colour:	Buff, Red Oxide, Grey	Mixed Volume Solids:	~55%
Finish:	Low sheen	Dry Film Thickness:	50 – 100 µ DFT
Mixed Density:	~1.48 g/cc	Wet Film Thickness:	90 - 180µ WFT
Packaging:	4 and 20 litre kits	Coverage:	~ 10 m ² / litre @ 50µ DFT
Mix Ratio:	4 part base: 1 part hardener	Number of Coats:	1 - 2 coats, or as required.
Application:	Spray, roller or brush	Pot life:	24 hours @25°C 15 hours @ 35°C
Thinner:	Epoxy Thinner if required.	Touch Dry	45 minutes @ 25°C 20 minutes @ 35°C
Cleanup:	Epoxy Thinner	Minimum Recoat:	1 hour
Storage:	Store under cool dry conditions away from heat and sources of ignition.	Maximum Recoat:	7 days (without sanding)
		Hard Dry:	2-3 hours
		Full Cure:	7 days

PERFORMANCE

Temperature Resistance:	Up to 120°C dry heat
Sandability:	Excellent
Weatherability:	Good; Excellent when topcoated.
Recoatability:	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 4 parts by volume of base to 1 part by volume of hardener. Allow to stand for 10 minutes prior to thinning and application. With most spray equipment, including airless spray and pressure pot spray, thinning is not required. If thinning is required use **Cameleon Epoxy Thinner**.

Campoxy LP546 is best applied by airless spray with a pump ratio of at least 30:1 and a fluid tip of 480 - 530 μ (19 - 21 thou), however, it may also be applied by conventional spray, or small areas by brush. When sanding by hand 220 grit or coarser is recommended; for power sanding 100 grit or coarser is recommended. **DO NOT** sand with stearate coated sandpapers. After sanding, water-wash or tack rag to remove sanding dust prior to top-coating.

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

If using only part of a kit, ensure the containers are resealed properly. The Part B component darkens significantly on prolonged exposure to air.

DO NOT apply if temperature is below 10°C unless temperature is rising.

Typical Specifications

Surface	*Preparation	System	Dry Film Build
Rusted 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 LP546 2. Camtect AU660 or Camsafe IF898 3. Camtect AU660 or Camsafe IF898	50 - 100 μ 40 - 50 μ 40 - 50 μ
New Steel	Solvent degrease as per SSPC-SP-1	1. Campoxy LP546 2. Camtect AU660 or Camsafe IF898 3. Camtect AU660 or Camsafe IF898	50 - 100 μ 40 - 50 μ 40 - 50 μ
Aluminium or Stainless steel	Abrade the surface with Wax and Grease Remover and Scotchbrite® Pad until water sheets off without breaks. Allow to dry thoroughly before priming.	1. Campoxy LP546 2. Camtect AU660 or Camsafe IF898 3. Camtect AU660 or Camsafe IF898	50 - 100 μ 40 - 50 μ 40 - 50 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 may be significantly reduced. For temperatures between 10 and 25°C, the pot life and drying time are longer than the times listed at 25°C.*

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

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