

# Cambond CL 144

## Adhesion Promoter



### FEATURES

**Cambond CL144** is a single pack clear primer which acts as an adhesion promoter when coating extremely nonporous surfaces. The product contains a reactive polymer which bonds onto the surface via a hydrolysis reaction with moisture in the air. When the appropriate topcoat is applied a bond is formed allowing excellent adhesion and cohesion.

**Cambond CL144** is ideal for use with Cameleon products such as Camtect AG692, Camtect AU660 and Campoxy EHB585.

### RECOMMENDED USES

**Cambond CL144** will afford excellent adhesion for the coating system onto highly nonporous surfaces which traditionally have been difficult to coat, such as:

- Ceramic tiles
- Automotive and architectural glass
- Aluminium, brass, bronze
- Stainless steel
- Vitrified clay
- Some plastics

### TOPCOATING

Cambond CL144 can be topcoated 1 hour after application and within 24 hours. If left longer than 24 hours another coat of Cambond CL144 may be required. Suitable topcoats are Cameleon products such as Camtect AG692, Camtect AU660, Campoxy EHB585, E288 Spraying Enamel.

### SPECIFICATION DATA

<b>Colour:</b>	Clear	<b>Volume Solids:</b>	~5.5%
<b>Finish:</b>	Matt	<b>Dry Film Thickness:</b>	1.5-2.5 $\mu$ DFT
<b>Density:</b>	~0.88 g/cc	<b>Wet Film Thickness:</b>	27-50 $\mu$ WFT
<b>Packaging:</b>	1,4 L	<b>Coverage:</b>	20-30 m <sup>2</sup> / litre @ 2 $\mu$ DFT
<b>Application:</b>	Spray or applicator	<b>Number of Coats:</b>	1 coat
<b>Cleanup:</b>	Xylene	<b>Touch Dry:</b>	10 minutes
<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.	<b>Dry to topcoat:</b>	minimum 1 hour
		<b>Topcoat :</b>	within 24 hours

## DIRECTIONS FOR USE

Ensure all surfaces are clean, dry and free from oils, grease or other surface contamination. As a precaution, prepare metal surfaces to SSPC-SP-1 with **Cameleon Wax and Grease Remover**. Wash glass and tiles with a vinegar modified glass cleaner.

The best method of application is by spray - to ensure an even film build. **Cambond CL144** should not be diluted as diluents introduce moisture. **Cambond CL144** may also be applied by dipping or with a polyester felt applicator. If possible apply in a controlled environment such as a spray booth to minimise contamination.

Do not open until ready to use. Stir well before use. Use only with proper ventilation. Wash equipment immediately after use with Xylene or similar.

**DO NOT apply if temperature is below 10°C, relative humidity is above 85%, or rain is imminent.**

### Typical Specifications

Surface	Preparation	System	Dry Film Build
Glass, ceramic tiles	For optimum adhesion wash with a vinegar modified glass cleaner prior to Cambond CL144 application	1. Cambond CL144 2. Finish Coat	1.5-2.5µ 50 - 100µ <sup>(1)</sup>
Stainless steel, aluminium, brass	Remove any oxidising and prepare surface to SSPC-SP-1. Aluminium surfaces should be abraded with Scotchbrite.	1. Cambond CL144 2. Finish coat	1.5-2.5µ 50 - 100µ <sup>(1)</sup>

*(1) May be Camtect AG692, Camtect AU660, Campoxy EHB585 or others*

## PRECAUTIONS

**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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