

# Campoxy EAB608

## Epoxy Aggregate Binder



### FEATURES

**Campoxy EAB608** is a fast curing, 2 pack epoxy coating, formulated specifically for application onto concrete surfaces; with the option of using an aggregate such as clean sand to produce a high strength filling compound.

With a mixed volume solids of 100%, **Campoxy EAB608** allows both penetration and flow to produce medium film builds (un-filled), and when mixed with suitable aggregate an easily workable filling compound for damaged concrete.

**Campoxy EAB608** can cure at low temperature, down to 5°C, and will tolerate small amounts of surface dampness.

### RECOMMENDED USES

**Campoxy EAB608** is ideal for concrete flooring systems where a medium - high dry film thickness is adequate (200 - 10,000µ). It is suitable for areas where water will be present, continual cleaning occurs, or where floor repairs are required. It is particularly useful in the following areas:

- Dairies
- Warehouses
- Sewerage treatment plants
- Chemical industry
- Vehicle and aircraft workshops

### SPECIFICATION DATA

<b>Colour:</b>	Clear (un-filled)	<b>Volume Solids:</b>	~100%
<b>Finish:</b>	Gloss - Semi Gloss	<b>Dry Film Thickness:</b>	up to 10mm <sup>(1)</sup>
<b>Mixed Density:</b>	~1.08 g/cc <sup>(2)</sup>	<b>Wet Film Thickness:</b>	as required up to 10mm
<b>Packaging:</b>	15 litre kits, 200L Drums	<b>Coverage:</b>	10 - 11 m <sup>2</sup> / litre @ 100µ DFT <sup>(2)</sup>
<b>Mix Ratio:</b>	2 parts base: 1 part hardener.	<b>Number of Coats:</b>	1
<b>Application:</b>	Trowel or Roller	<b>Pot Life:</b>	30minutes @ 25°C <sup>(2)</sup>
<b>Cleanup:</b>	Epoxy Thinner	<b>Gel Time:</b>	2 hours @ 25°C
<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.	<b>Dry to Recoat:</b>	8 - 12 hours minimum
		<b>Hard Dry:</b>	4 hours @ 25°C
		<b>Full Cure:</b>	7 days

<sup>(1)</sup> When filled with appropriate aggregate.

<sup>(2)</sup> Without aggregate.

## PERFORMANCE

<b>Temperature Resistance:</b>	Up to 120°C dry heat
<b>Abrasion Resistance:</b>	Excellent
<b>Weatherability:</b>	Very Good
<b>Solvent Resistance:</b>	Excellent
<b>Chemical Resistance:</b>	Excellent

## DIRECTIONS FOR USE

### Clear Finish (un-filled):

When using as a clear finish, mix 2 parts by volume of base with 1 part by volume of hardener. Allow to stand for 5-10 minutes prior to application.

### Fairing (Filled with Aggregate):

When using as a filling compound, before adding the hardener component, premix the base component with sufficient clean dry sand to form a very heavy paste. Pour into damaged areas and fair off with a clean trowel. Clean equipment immediately with Cameleon GP Epoxy Thinner.

Ensure all surfaces are clean, dry and free from oils, grease or other surface contamination. New concrete should be cured for at least 28 days. Acid etch the surface with 1 part Hydrochloric Acid (32%) diluted with 4 - 6 parts water. Rinse with fresh water and allow drying. Old concrete floors are best cleaned with an alkali wash prior to the acid etch. Refer to Concrete Preparation <sup>(2)</sup> in the "[Cameleon Paints Surface Preparation Standards](#)" for additional details.

**Campoxy EAB608** is best applied by roller when unfilled. If a non-skid finish is required, a suitable aggregate such as clean silica sand may be broadcast over the first coat while still wet. Apply the second coat to seal the non-skid after 24 hours.

When using Campoxy EAB608 for filling in combination with an aggregate, pour directly into the damaged area and fair off with a clean trowel.

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

***DO NOT apply if temperature is below 5°C, relative humidity is above 85%***

### Typical Specifications

Surface	*Preparation	System	Dry Film Build
New Concrete Surfaces	Acid etch with Hydrochloric acid solution, rinse, and allow drying prior to application. <sup>(2)</sup>	1. Campoxy EAB608 2. Campoxy EFT560	100µ 150 - 200µ
Old Concrete surfaces	Alkali wash to remove any ingrained surface contamination. Allow to dry and then etch with Hydrochloric Acid solution. Rinse and allowing drying prior to application. <sup>(2)</sup>	1. Campoxy EAB608 (filled with sand) 2. Campoxy EFT560	<10mm 150 - 200µ

<sup>(2)</sup> Refer to Concrete Preparation in the "[Cameleon Paints Surface Preparation Standards](#)" for detailed instructions.

## 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 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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