

Campoxy EHB585 FC

Fast Curing HighBuild Epoxy



FEATURES

Campoxy EHB585 FC is a premium quality 2 pack epoxy coating, formulated specifically to achieve fast cure times.

With a mixed volume solids of 80%, **Campoxy EHB585 FC** allows for the application of high film builds up to 200 μ DFT.

The cured film has the excellent resistance to abrasion, chemicals and solvents. **Campoxy EHB585 FC** has the same properties as Campoxy EHB585, the curing mechanism is accelerated to allow application at low temperature (5-10°C) or in tidal zones

RECOMMENDED USES

Campoxy EHB585 FC 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 may be used to protect sharp edges and angles, and is ideally suited for the following applications:

- Tidal Zone Structures
- Chemical industry
- Mining industry
- Oil and petroleum industries
- Water and sewerage installations
- Heavy machinery and marine applications
- General construction
- Flooring

SPECIFICATION DATA

Colour:	White	Mixed Volume Solids:	~80% ⁽¹⁾
Finish:	Semi Gloss	Dry Film Thickness:	200 - 225 μ DFT
Mixed Density:	~1.63 g/cc ⁽¹⁾	Wet Film Thickness:	250 - 280 μ WFT
Packaging:	4,10 and 20 litre kits	Coverage:	4 m ² / litre @ 200 μ DFT ⁽¹⁾
Mix Ratio:	4 parts base: 1 part hardener.	Number of Coats:	1 coat
Application:	Spray, small areas by brush	Pot Life:	90 minutes @ 25°C
Cleanup:	Epoxy Thinner	Touch Dry:	2 hours @ 25°C
Storage:	Store under cool dry conditions away from heat and sources of ignition.	Dry to Recoat:	6-8 hours minimum, 24 hours maximum*
		Hard Dry:	6-8 hours
		Full Cure:	3-4 days temperature dependant

⁽¹⁾ Based on Campoxy EHB585 FC White Kit.

*Abrade if greater than 24 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

Mix 4 parts by volume of **Campoxy EHB585 FC Part A** with 1 part by volume of **Campoxy EHB585 FC Part B**. stand for 5 minutes prior to application.

If applying by conventional spray then thinning 5-10% with **Cameleon Epoxy Thinner** may be added as necessary.

Campoxy EHB585 FC is best applied 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%, or rain is imminent

Typical Specifications

Surface	*Preparation	System	Dry Film Build
Steel	For best performance abrasive blast to AS1627.4 Class 2 1/2 ; if this is impractical then prepare surface to AS1627.7	1. Campoxy ZP550 2. Campoxy EHB585 3. Camtect AU660 ⁽²⁾	50 μ 200 μ 50 μ

⁽²⁾Top coat with Camtect AU660 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 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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