

Campoxy EHB585

HighBuild Epoxy



FEATURES

Campoxy EHB585 is a premium quality 2 pack epoxy coating, formulated specifically for general industrial applications.

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

The cured film has the excellent resistance to abrasion, chemicals and solvents. **Campoxy EHB585** will chalk if left uncoated in an exterior exposure; however this will not detract from the coatings protective properties.

RECOMMENDED USES

Campoxy EHB585 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:

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

SPECIFICATION DATA

Colour:	White	Mixed Volume Solids:	~80% ⁽¹⁾
Finish:	Semi Gloss	Dry Film Thickness:	200 - 225µ DFT
Mixed Density:	~1.63 g/cc ⁽¹⁾	Wet Film Thickness:	250 - 280µ 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:	1 coat
Application:	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

⁽¹⁾ Based on Campoxy EHB585 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

Mix 4 parts by volume of **Campoxy EHB585** base with 1 part by volume of **Campoxy EHB585** hardener. Allow to stand for 10 minutes prior to application.

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

Campoxy EHB585 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.

Cameleon Campoxy Accelerator may be added to speed the cure response at low temperatures - Refer to the **Campoxy Accelerator** Product Data Sheet.

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.

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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