



CM EX9000 EPOXY PRIMER

Product Code : CM EX9 EPP m2P3/ m2P5/ m2P7(For Metal)

CM EX9 EPP c2P3/ c2P5/ c2P7 (For Concrete)

Product Descriptions

CM EX9000 Epoxy Red Oxide Primer is a two pack amine-adduct cured epoxy. It is specially designed for many types of surfaces e.g. galvanised, aluminium, steelwork, concrete, GRP and phenolic sheeting surfaces. It has excellent adhesion to steel, galvanized steel, cementitious and wooden materials. It also has excellent water and chemical resistances.

Recommended Uses

As a primer suitable for use on all ferrous and non-ferrous substrates. With the unique formula, CM EX9000 Epoxy Red Oxide Primer not only enhancing the longevity of surfaces, it also protects the surfaces with high chemical resistant and hard wearing properties. It usually be used in civil engineering and building industry, chemical plant, laboratories, hospitals, food and beverage factories, concrete floor, steel or galvanized tank, ships and offshore structures.

Product Characteristics

Composition:

Pigment	Corrosion Inhibiting Pigments
Binder	Epoxy / Polyamide Resin
Solvent	Epoxy Thinner, Aromatic Hydrocarbon
Volume Solid	90%±
Mixing Ratio	4:1 (Base: Hardener)

Properties :

Colour Range	Red Oxide ref: CM EX9 EPP m2P3/c2P3 Black Oxide ref: CM EX9 EPP m2P5/c2P5 Grey Oxide ref: CM EX9 EPP m2P7/c2P5
Texture	Low Gloss
Shelf life/Storage	Use within 24 months of delivery.Keep in original containers until required for use. Partly used containers should be re-sealed securely and stored according to the recommended manner.
Standard Packing Size	4 Litres with 1 Litre activator *Other Sizes by special arrangement.

Typical Performance Data (approx.):

Coverage	Approximately 12-15 m ² per litre *Actual coverage is dependent on substrate condition. *These figures do not include wastage.
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Recommended no. of coats	1 coat
Drying time (Application Temperature 25'c to 30'c)	Touch Dry: 1-2 Hours Hard Dry : 4-5 Hours
Recoating Interval	≥ 16 Hours

Directions for use

Preparation:

Mild Steel Surfaces

1. For best result, abrasive blasting in accordance to Sa 2 ½ ISO 8501-1: 1988 is desirable. The surface must be dry and free from any abrasive residues, dirt, oil and grease and other contaminants prior to painting.

Galvanised Steel Surfaces

1. New galvanised surface requires to be degreased in accordance to *SSPC-SP1. For old galvanised surface, corroded areas should be cleaned with power tool. All surfaces must be dry and free from oil and grease prior to painting.

Aluminium and Stainless Steel Surface

1. For best result, surfaces must be lightly abrasive blasted. If blasting is not possible, abrade with 120 grade sand paper, clean and dry prior to painting.

Concrete/ Cement

1. Surfaces must be clean, dry, free from grease and free from all defective or poorly adhering material.
2. For best result, surfaces must be lightly abrasive blasted.

Application:

***Mix base and activator before use. Mixing ratio is 4:1(base:activator).**

- 1) Brush/Roller : The paint is ready to use after thorough stirring. Thin 5% **CM 202 thinner** by volume if necessary.
- 2) Compressed Air Spray: Thin 15-20% **CM 202 Thinner** by volume as necessary.
- 3) Airless Spray: The paint is ready to use after thorough stirring Thin 5% **CM 202 thinner** by volume if necessary.

Recommended Paint System

Concrete/Cement Surface:

Sequence	Product Name	No. of Coats
Primer	CM EX9000 Epoxy Primer	1
Undercoat	-	-
Finish	CM 2P Heavy Duty Coating	1

Metal Surface

Sequence	Product Name	No. of Coats
Primer	CM EX9000 Epoxy Primer	1
Undercoat	-	-
Finish	CM 2P Heavy Duty Coating	1

Health, Safety and Environmental information:

It is advisable to wear eye protection when applying paint.

In case of contact with eye, immediately flush eyes with plenty of water for at least 15 minutes and seek medical advice.

In case of contact with skin, immediately flush skin with plenty of water and soap while removing contaminated clothing and shoes and seek for medical advice.

Keep containers tightly closed and out of reach from children. Paints should always be stored in a cool place.

Containers that are opened should be properly released and kept upright to prevent leakage.

When transporting paint, care must be taken. Always keep container in a secure upright position.

Wastes and empty containers should be treated and disposed of in accordance with national and local regulations.

Disclaimer

The above information is for guidance only. It is given in good faith but without warranty. Users should first carry out their own trials to ascertain the suitability of the product for their intended purpose.

This Data Sheet supersedes all previous Data Sheets supplied to you relating to this product. It contains important information which must be communicated to the user. The user must satisfy himself of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of CM Paints (M) Sdn. Bhd. . The user must also satisfy himself of the suitability of the product in circumstances other than those set out in this data sheet. The user should also maintain appropriate control procedures. Should further information be required, please contact our Technical Department.