

PVC Cote 400 WB

A water based heavy duty, lead free, rust inhibitive pigmented Plasticised vinyl chloride co- polymer coating.

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- Description** PVC Cote 400 WB is a water-based heavy duty, lead free, rust inhibitive pigmented hybrid acrylic coating designed for used on suitably primed steel and hot dip galvanised surfaces. It has been approved by the Department of Civil Aviation Malaysia (Jabatan Penerangan Awam Malaysia).
- Uses** PVC Cote 400 WB is usually used as a protective topcoat in the offshore industries, bridges, chemical plants, paper mills, marine vessels, structural steel works etc and on site application to galvanised transmission/communication towers for its aesthetic colours.
- Advantages**
- Resistant to wide range of organic and inorganic chemicals
 - No fire hazard during storage or application.
 - No solvents to contribute to air or ground pollution.
 - Excellent durability and resistance to corrosion over tightly adhered coatings.
 - Fast drying time.
 - Excellent films build.
 - Excellent adhesion to new galvanised steel.
 - Ease of application and clean up.
 - Can be applied by conventional or airless spray, brush or roller.
 - Environmental friendly.
 - Approved by DCA: (Ref: DCA/P/4/1.27)

Technical Data:

Finish	Satin	Application	Airless or conventional
No. of component	One	Drying times at 25°C	To touch 20 min To recoat 2 hours
Colour	Wide range	* Pot life, drying time and curing time are depending on temperature.	
Surfaces	Primed steel (Direct to hot dip galvanised surface but solvent wash recommended)	Thinner/Washing	Clean Potable Water
Volume solids	40% ± 2%	Thinning (by Volume)	
Dry film thickness	75-100 microns	Brush	5 - 10%
No. of coats	1 - 2 coats	Roller	5 - 10%
Calculated coverage	50 microns 8.0 m ² /litre 100 microns 4.0 m ² /litre	Conventional Spray	5 - 15 %
* When computing actual coverage, allow for application losses, surface irregularities etc.		Airless Spray	Not Necessary
Temperature Resistance	continuous 75°C Intermittent 93°C	Packaging	5 and 20 liters

Storage

Shelf Life

PVC Cote 400 WB has a shelf life of 12 months if kept in a dry store between 5°C and 30°C in the original, unopened packs.

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SURFACE PREPARATION AND COATING STEEL SURFACES

Previously Painted Steel:

Clean thoroughly by wire brush and scrape to remove all loose and non-adhering paint, loose rust and scale. Open up any blisters in old paint coating and sand edges smooth. Upon the prepared surface, apply one coat of **PVC Cote 400 WB** to a dry film thickness of 75-100 μ .

New Galvanised Steel:

For normal atmospheric exposure, where colour only is desired, apply no primer but only a single finish coat of **PVC Cote 400 WB** in the desired colour.

Weathered Galvanised Steel:

Use wire brush on any rusted areas, remove oil or grease and apply one or two coats of **PVC Cote 400 WB** to a dry film thickness of 75-100 μ .

APPLICATION

Coating must be thoroughly mixed before using.

- For airless spray, use product direct from can. **PVC Cote 400 WB** coatings may be applied up to 200 μ mils wet by spray application without sagging.
- For roller application, do not roll too tightly. Use a short nap roller and roll on a heavy wet coat. Thinning with potable water 5-10% by volume.
- For brush application, fully load brush and apply a full wet coat. Do not brush out excessively as this can result in thin film build. Thin with potable water 5-10% by volume.

Do not use pure Chinese bristle brushes, as excessive water tends to deteriorate the bristle. Use synthetic nylon bristle brushes. Employ lined steel pails or plastic containers for mixing.

Supply

- 5 and 20 ltr. pack

Precautions

Health and Safety

PVC COTE 400 WB should not come into contact with skin and eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves, and eye protection. If working in confined areas, suitable respiratory protective equipment must be used. The use of barrier creams provides additional skin protection. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. DO NOT use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - DO NOT induce vomiting.

Disposal

Spillages of components products should be absorbed on to earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal regulations.

For further information, refer to the Product Material Safety Data Sheet.

Important Note: Cemkrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemkrete endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D in-house lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Cemkrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.