

Crown Chlorinated Rubber Paint

PRODUCT DESCRIPTION

Type: A single pack, low build, Chlorinated Rubber based coating.

Uses: A hardwearing, chemical resistant finish for use in laboratories, chemical factories, breweries, dairies, food factories and bottling plants, hospitals, clinics etc. Widely used on steelwork in chemical plants and marine environments

Substrates: Can be applied to suitably prepared metal, timber, plaster and concrete swimming pools.

Advantages: Rapid drying. Non-toxic. Excellent weather, chemical, abrasion & corrosion resistance. Superb flexibility and maintenance properties (it may be overcoated with a minimum of preparation many years after application). Can be used at temps. below 10 degrees C. which epoxy paints can't.

Conditions during application: The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: Available in a few selected shades

Pack Sizes: 1 litre and 4 litres

Finish: Gloss

Thinner & equipment cleaner: Chlorinated Rubber Thinner

Dilution Ratio: Ready for use by brush. Thin up to 10% for Roller. Thin up to 40% for Spraying. Stir well before use.

Drying Times: Surface dry 1-2 hours. Through dry 6-10 hours. Recoatable 12-16 hours in normal, ventilated conditions.

D.F.T.: Min. 25 microns. Max. 35 microns.

Heat resistance: Approximately 100° C (212°F).

Chemical resistance: Resistant to chemical fumes and splashes, acids, alkalis. Poor resistance to solvents and animal fats.

TECHNICAL DATA SHEET



If you like it... Crown it!

APPLICATION DATA:

The product can be applied by: Brush, roller or airless spray. Brush application is preferred. Roller and Spray also suitable but require to be thinned. Spraying requires to be thinned sufficiently to prevent “cobwebbing”. Thinner coats give thin films which result in less protection

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

6 - 11 m²/l per coat.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	Topcoat
New Plaster	Remove loose particles. Moisture content < 3%	Crown Chlorinated Rubber Alkali Resistant Primer diluted up to 10% with Chlorinated Rubber Thinner	1 – 2 coats Crown Chlorinated Rubber Paint diluted with Chlorinated Rubber Thinner as per application method
Iron and Steel. Weathered Galvanised Iron	Degrease with White Spirit or degreaser. Sand and clean. Remove rust	1 Coat Zinc Phosphate Chlorinated Rubber Primer	1 – 2 coats Crown Chlorinated Rubber Paint diluted with Chlorinated Rubber Thinner as per application method
New Galvanized Iron, Aluminium, Copper, Brass	Sand and clean. Apply 1 coat Mordant Solution or 1-pack Etch Primer	1 Coat Zinc Phosphate Chlorinated Rubber Primer	1 – 2 coats Crown Chlorinated Rubber Paint diluted with Chlorinated Rubber Thinner as per application method
Wood & boards	Ensure completely dry Sand along the grain	1 Coat Zinc Phosphate Chlorinated Rubber Primer	1 – 2 coats Crown Chlorinated Rubber Paint diluted with Chlorinated Rubber Thinner as per application method
Concrete Swimming Pool	Ensure completely dry. Test for alkalinity with 5% HCl Solution	None	1 – 2 coats Crown Chlorinated Rubber Paint diluted with Chlorinated Rubber Thinner as per application method

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Precautions:

1. To avoid shade variation, especially for projects, ensure that batch numbers match. Blend different batch numbers prior to applying
2. Stir paint thoroughly before use and intermittently during use to avoid settling
3. Avoid applying heavy coatings above 35µm DFT to prevent wrinkling
4. Avoid the use of cheap solvents as these may affect gloss or drying time
5. When coating the inside of water or fish tanks, allow the paint to fully harden, then flush out thoroughly with clean water before use.
6. When coating large surfaces such as swimming pools, avoid painting in direct sunlight
7. After painting, swimming pools should be allowed to cure for 7 days in dry conditions before filling with water.

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control. Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference.



For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)