

## CHLORINATED RUBBER

### INTENDED USE

Chlorinated Rubber paint systems are highly impervious to water and give excellent resistance against many types of chemicals. They are typically used to paint any structure or component subject to high humidity, intermittent water immersion, marine exposures, or exposure to chemicals. Not suitable for protection against solvents.

- conforms to BS EN ISO 12944 Table A3 Category C3 for corrosion protection when used with appropriate primer/undercoats
- dries well at low temperatures, can be applied down to 5 C

Not suitable for use in swimming pools below the water line.

For information or recommendations on specific paint systems contact Manor Coating Systems Technical Department

### METAL FINISHING

Used to paint any OEM component requiring more protection from chemicals or water than a general purpose enamel finish. Please ask for a specification.

**ARTICLES - that are not part of a building structure (and are therefore outside the scope of the building products VOC Product Directive)**

Used as a high performance refurbishment or maintenance coating for items such as:

**INSIDE BUILDINGS** Machinery or fixed plant handling chemicals or operating in areas of high humidity or subject to regular cleaning by water

**OUTSIDE BUILDINGS** External surfaces of tanks, pipework and process plant, towers, bridges, marine or onshore structures or any structure which is not part of a building.

See also the Manor supplementary information sheet 'Guide to the UK VOC legislation' to understand how the VOC content of a coating determines its suitability for use in any application.

### SUITABLE SUBSTRATES AND PREPARATION

Ferrous metal; prime with Fast Primer or Promastic in accordance with data sheets on these products.

Previously painted metal surfaces; remove rust, remove loose or flaky paint, abrade surface, bring forward by patch priming with Chlorinated Rubber.

Remove dust, oil and grease. Paint a test area and check for wrinkling of primer/ previously painted surfaces.

For new and previously painted cementitious surfaces (not part of a building) should be free of laitance, efflorescence, fungal growth and algae. Apply 2 or 3 coats direct.

Other substrates, seek advice from Manor Coating Systems Technical Department.

### AVAILABILITY

A gloss finish available in 5 litres in an extensive range of colours. Colour offer restricted if using in strong alkali environments. Advice when ordering and seek advice.

**PRODUCT INFORMATION**  
(TYPICAL FIGURES)

<b>Composition</b>	Based on a chlorinated rubber resin modified with non-hydrolysable plasticiser and pigmented with suitably selected pigments.
<b>Volume Solids</b>	36% for white
<b>Weight Solids</b>	57% for white
<b>VOC content</b>	555 g/litre
<b>Supply Viscosity</b>	4 poise at 20 C
<b>Typical film thickness</b>	85 microns wet and 30 microns dry
<b>Theoretical coverage</b>	11.5 sq metres/litre at 85 microns wet film thickness
<b>Dry heat resistance</b>	60 C
<b>Flash Point</b>	Within the range 32-55C

**APPLICATION DETAILS**

PREFERABLY BRING PAINT TO 15-25C AND STIR WELL BEFORE USE

<b>Airless spray:</b>	<b>cold</b>	Up to 5% thinners may be added to suit equipment. Typical tip size 11-13 thou. Typical fluid pressure 140 kg/sq metre or 2000 p.s.i.
	<b>heated</b>	Not recommended
<b>Conventional spray</b>		Up to 10% thinners may be added to suit equipment
<b>Brush Roller</b>		Apply evenly using a well loaded brush. Do not attempt to brush out or lay off. Up to 5% thinners may be added to ease application.
<b>Thinner</b>		Industrial Thinner

**Film thickness per coat**

	<u>Dry</u>	<u>Wet</u>
<b>Minimum</b>	25 microns	70 microns
<b>Maximum</b>	35 microns	100 microns

**DRYING AND RECOATING**

Approximate drying times at 30 microns d.f.t.

<u>Substrate temperature</u>	<u>Touch Dry</u>	<u>Overcoating times</u>	
		<b>Minimum</b>	<b>Maximum</b>
10C	2 hours	8 hours	Indefinite
20C	1 hour	4 hours	Indefinite

**Environmental conditions** The air temperature should be at least 5 C with a surface temperature 3 C above dew point and the relative humidity below 80% thus ensuring that the surface is dry and condensation will not occur during application or drying. The drying times will be significantly extended in cold, damp conditions.

**Overcoating / repainting** If required further coats of Chlorinated Rubber can be applied by spray.

**SHELF LIFE**

Store in cool, dry conditions, typically 5-25C. After a period of storage the product should be thoroughly stirred. Usable life is 2 years from date of manufacture in unopened containers.

---

**SAFETY  
PRECAUTIONS**

Refer to Manor Safety Data Sheet

**LIMITATIONS**

The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied however, since the conditions of use are beyond our control. This data sheet does not constitute a specification.

A Painting Guide can be accessed via our website which provides additional information on paint and painting and definitions of terminology.

In case of doubt as to the suitability of the product please consult our Technical Department. If you are advised that the paint can be used in a manner not specified on this datasheet our Technical Department will confirm this to you in writing. Do not use paint prior to receiving this confirmation.

References to other primers, topcoats, cleaners and thinners are to the Manor Product of that name only.

This data sheet supercedes all previous issues.

**REFERENCES**

Amended date: November 21, 2012

Reference and number:CN- 8