

# Anupam Enterprises

## Protective Coatings Division

### Anuchlor CZP 500

#### High Build Chlorinated Rubber Primer

##### Product Description

**Anuchlor CZP 500** is a high performance high build primer for structural steel surfaces based on plasticised chlorinated rubber and pigmented with zinc phosphate rust inhibiting pigment. It can be applied on manually cleaned steel surfaces where blast cleaning is either impractical or cost-restrictive. It can be overcoated with conventional and chlorinated rubber topcoats.

##### Features and Benefits

- Easy to apply and can be applied via airless spray, conventional spray and brush.
- While inferior surface preparation can never be recommended, **Anuchlor CZP 500** has shown to tolerate though with shorter life, power-tool and hand-cleaned steel.
- Renders hard, inert film showing excellent resistance towards dilute acids, alkalis, certain salts, oxidizing agents, aliphatic hydrocarbons, alcohols, mineral oils, greases etc.
- Extremely durable and weather resistant.
- Non-toxic and cost-effective.
- Has very low water and water vapour permeability.
- Suitable for varied end applications i.e. ideal for high humidity, moisture, marine atmospheres, heavy rains, high temperatures, damp conditions, very dusty and fungus prone conditions.
- Impart excellent inter-coat adhesion properties.

##### Recommended uses:

Fertilizer plants	Sewage farms
Concrete Storage Tanks	Water Treatment Plants
Structural Steel	Galvanized Iron
Bleacheries and laundries	Breweries
Pulp and Paper Mills	Chemical Plants
Marine and shore installations	Swimming Pools
Food Processing Plants	Areas of excessive moisture
Petro-chemical Plants	Refineries

##### Surface Preparation:

**Steel** - The surface should be blast cleaned to **SSPC-SP 10-63T** or **NACE No. 2** i.e. loose rust and scales, dirt, grease, oil, paint, wax, weak oxide films and other contaminants should be removed. It means that at least 95% of any given square inch has the appearance of *white metal* and the remainder is limited to slight discolourations. Blast cleaning to **SSPC-SP 5-63** or **NACE No. 1** is recommended where heavy corrosive

conditions exist. That means a surface with a grey metallic colour, slightly roughened to form a suitable anchor pattern for coatings. This surface is free of all oil, grease, dirt, mill scale, rust, corrosion products, oxides, paint and other foreign matter. In absence of blast cleaning, prepare the metal surface by wire brushing, sanding, grinding, scrapping or chipping with hand or power tools. Remove all the contaminants. Apply a coat of **Anuchlor CZP 500** followed by 2-3 coats of **Anuchlor 555 LB** Chlorinated Rubber Enamel. **Anuchlor - MIO** can be used as intermediate coat depending on service requirements.

**Galvanized Iron** - Remove dirt, dust, oil, old paint etc. Degrease the surface with degreasing solvents like xylene or tri-chloroethylene. Apply one coat of **Anuprime - 291 Wash Primer** for obtaining maximum adhesion. Apply one coat of **Anuchlor CZP 500** followed by 2-3 coats of **Anuchlor 555 LB**. **Anuchlor - MIO** can be used as an intermediate coat depending on service requirements.

#### TECHNICAL DATA

Name/Description	<b>Anuchlor CZP 500</b>
Type	Single pack cold cured
Composition	Chlorinated rubber / Zinc Phosphate
Colour	Grey and Red
Finish	Smooth and Matt
Volume Solids	38± 3%
Dry film thickness per coat	50 microns
Coverage-(theoretical-no loss)	7.6 m <sup>2</sup> /litre
Serviceability @ 30° C	
- Dry to touch	30 - 45 minutes
- Re-coat by Spray	2 hours
- Re-coat by Brush	16 -24 hours
- Full Cure	7 days
Relative Humidity	90%
Application Temperature	
- minimum	4° C
- maximum	35° C
Dry heat resistance	65° C
Solvent/Thinner	Anusol - CRT Thinner
Flash Point	25° C
Packing	4 & 20 litres
Shelf Life	6 months
Precaution	Flammable. Keep away from heat and open flame. Maintain good ventilation and avoid breathing vapours.

#### Product Limitation:

- **Anuchlor CZP 500** is not resistant to most solvents, animal and vegetable oils and fats common in dairies, packinghouses and sewage treatment facilities.
- Do not use on floors.
- Epoxy and polyurethane topcoats are not suitable.

**Notes:**

- Brushes and spray equipments should be cleaned with **Anusol - CRT Thinner**.
- The contents should be stirred thoroughly prior to use.
- When overcoating the weathered or aged **Anuchlor CZP 500**, ensure that the coating is fully free from all contamination such as oil, dust, grease, stains etc.
- This coating should always be thinned with **Anusol - CRT Thinner**. The use of alternative thinners can severely inhibit the curing mechanism of the coating.

**Disclaimer:**

*Information provided herein is based upon tests believed to be reliable. It does not guarantee the results to be obtained. Nor does it make any express and implied warranty or merchantability, or fitness for a particular purpose concerning the effects or results of such case. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended uses. The application, surface preparation and use of the products are beyond our control and, therefore, entirely your own responsibility.*

## **Anupam Enterprises**

### **Protective Coatings Division**

**" Poddar Point "**  
**113 Park Street**  
**Block - B, 5th Floor**  
**Calcutta - 700 016**  
**West Bengal, India**

**Phone: +91-33-216 1204 & 216 1205**  
**Fax: +91-33-216 1227 & 238 9823**  
**E-Mail: [anupam@cal.vsnl.net.in](mailto:anupam@cal.vsnl.net.in)**  
**Website: [www.anupampaints.com](http://www.anupampaints.com)**