

Chemical Resistant Anti-Corrosion paint (CRAC)  
(Single Pack)



Product Description

Chemical Resistant Anti-Corrosion Paint offers unparalleled protection for metal surfaces in harsh industrial environments. Designed as a self-priming, single-pack system, this paint ensures easy application while providing superior resistance to acids, alkalis, and other corrosive substances. With a fast-drying formula that sets in just 15 minutes, it minimizes downtime and enhances, making it ideal for industrial use in corrosive industries like Steel-Pickling Line, ARP Plant, Galvanizing & chemical industries, Operation Efficiency.

|                       |                                                                                                                                      |            |            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| Touch Drying:         | 15 minutes                                                                                                                           |            |            |
| Curing Time:          | 1 hr                                                                                                                                 |            |            |
| Application:          | Brush, Roller and Airless Spray                                                                                                      |            |            |
| DFT:                  | 50-70 Micron Per Coat                                                                                                                |            |            |
| Theoretical Coverage: | 100 SQFT/Kg                                                                                                                          |            |            |
| Practical Coverage:   | 60-80 SQFT/Kg Coats: 2 Coats                                                                                                         |            |            |
| Overcoat Interval:    | 15 Mins, Wet on Wet also accepted                                                                                                    |            |            |
| Color:                | Assorted Shades Finish: Smooth and Semi Mat                                                                                          |            |            |
| Volume Solids:        | 65-70%                                                                                                                               | Viscosity: | 60-70 SEC. |
| UV resistance:        | Excellent                                                                                                                            |            |            |
| Resistance:           | HCL/H2SO4/HNO3/ H2O2/NAOH, Fumes and outdoor resistance is excellent and ACETIC ACID — 99% fumes and outdoor resistance is excellent |            |            |
| Product Weight:       | 1.25 - 1.28 kg/ Liter                                                                                                                |            |            |
| Water Permeability:   | Nill                                                                                                                                 |            |            |
| Abrasion Resistance:  | Very Good                                                                                                                            |            |            |
| Flexibility:          | Excellent                                                                                                                            |            |            |
| Temp. Resistance:     | Upto 100° C                                                                                                                          |            |            |
| Packaging:            | 20 Kg Metal Pale & 200 Kg Metal Barrel                                                                                               |            |            |
| Storage:              | 2 Year as long as sealed container are kept under cover in a dry place under normal temp.                                            |            |            |



## Surface Preparation:

**Steel:** Remove grease, oil and other contaminants to SSPC SP1- Solvent Cleaning. Abrasive blast cleans to a minimum of SSPC SP 10. For severe corrosive conditions, blast to SSPC SP 5 with a surface profile not exceeding 35-40 microns. If blasting is not practical, make full use of mechanical tools along with manual chipping and wire brushing to remove loose rust and scale to SSPC SP2/SP3. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces. The surface should be clean and dry before application.

**New Concrete:** Ensure that the concrete is cured for a minimum of three months. The surface is to be made rough and free from laitance and other contaminants by sand sweeping.

**Old Concrete:** Remove all salt deposits from the surface by water jet washing. Light sand blasts the surface to remove all loosely bound coatings and roughening up of firmly adhering coatings to ensure anchorage. Clean and dry the surface before application of paint. In non-critical areas where blasting is not possible, and hardwire brushing are minimum requisites.

## Safety Information:

As a general safety measure, inhalation of solvent vapors or paint mist and contact of liquid paint with skin & eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

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