

Red Oxide Primer

Product Details

A Single pack, air drying, alkyd resin based Anti-Corrosive Primer containing iron & zinc chromate pigments. When top coated with 'WALL-CARE' finish, the coating system exhibits superb water impermeability and resistance to acid fumes. It is an economical coating system for structural steel, equipments etc, in coastal and chemical environment. This red version contains red oxide of iron apart from zinc chromate pigment. The primer also confirming to IS 2074:1992.

Method of Application

Airless spray / Brush / Roller

Note: Airless spray recommended for uniform and high film build.

Application Details

Notes on Airless Spray:

Tip Range: 18 - 26 thou

Total out put fluid pressure-

2700 - 3500 psi

(190 - 246 kg/sq.cm)

Technical Data Sheet

Description	Specification
Color	Red
Finish	Matt to Egg shell
Flash Point	Above 20° C
Volume Solids	50 % Approximately
Recommended dry Film Thickness	30 – 40 microns per coat
Corresponding Wet Film Thickness	88 – 111 microns
Theoretical Spreading Rate	16.5 – 12.50 Sq. Mtr. / Ltr.
Pigment Content	42%
Drying time	Surface dry – 1 hrs. Hard dry – 6 – 8 hrs.
Interval before over coating	Minimum – 8 hours, Maximum – Indefinite
Dry Heat Resistance	Up to 65° C (Intermittent)
Storage life	Up to 12 months so long as the material is stored in sealed containers under standard warehouse storage conditions.
Thinner	Surya GP Thinner

Surface Preparation

Steel Surfaces :

Degrease and blast clean to Sa 2 ½ grade minimum of Swedish specification SIS -05 - 5900 - 1967. If blast cleaning is not practical make full use of mechanical tools along with manual cleaning and wire brushing to remove loose rust / scale to St 2 or St 3 grade of Swedish specification. Surface should be perfectly clean and dry before applying Surya WALL CARE HB CR Zinc Phosphate Primer.

Limitations

Coating is not resistant to solvents, oils, grease and fats. The film is thermoplastic and is liable to soften and decompose above 65° C.

Uses

Structural Steel, Pulp & Paper Mills, Chemical Plants, Bridges, Jetties, Pipelines, Tank Farms, Fertilizer Plants, Marine Installations and Ship's bottom and hulls