



Red Oxide Primer



Product composition and usage: It is an oil modified alkyd-based primer suitably pigmented with micro fine red oxide and extenders. Ideal for ferrous metal surfaces.

USP: Economic primer best for mild steel. It is free from heavy metals like lead, mercury and chromium.

Safety features: Inflammable

DIRECTIONS FOR USE

Ensure that the surface is free from dust, dirt, loose particles and moisture. One or two coats of primer can be used, depending on requirement. For best results, it is advisable to give 8-10 hrs. drying time before application of subsequent coats. Do not over-thin. Stir well before use.

Surface preparation and painting procedure: Remove grease, oil and other contaminants preferably by using Bison Degreasing Solvent. Blast clean to a minimum of Std. 2½ Swedish standard SIS 05 5900 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 Std. 2 Swedish Standard SIS 05 5900. Excessive burnishing of steel is to be avoided.

Consistency: It is a free flowing viscous liquid.

COVERAGE*

On normal properly cured metal surface	No. of coats	New surface
By brush application	1 coat	100-120 sq ft

RECOMMENDED SURFACES

Ferrous metal surfaces

*It depends on many factors like surface conditions, surface preparation, application skill, weather conditions, dilution etc. The coverage mentioned is under ideal conditions and will vary depending on site conditions.

PACKS

Non ColorBank	Colour	Bases (ColorBank)
500 ml, 1 ltr, 4 ltr, 20 ltr	Red Oxide	NA

TECHNICAL DATA

1	Product Type	Primer
2	Finish	Matt
3	Shade	Red Oxide
4	Consistency	Smooth, uniform, free flowing
5	Thinner	Mineral Turpentine Oil (MTO)
6	Method of Application	Brush or spray
7	Recommended Application Viscosity (30°C/FCB4)	Brushing 60-65 sec Spraying 40-45 sec
8	Theoretical Spreading Capacity	100-120 sq ft/ltr/coat Actual data will vary depending on the surface preparation and method of application
9	Drying Time (20°C-30°C and 60+/- 5 RH)	SD: Less than 1 hr (at 18-25 μ DFT) HD: Less than 24 hrs (at 18-25 μ DFT)
10	Re-coating Period	8-10 hrs (Depending upon ambient temperature and humidity)

11	Flash Point	Above 30°C (Abel Closed Cup)
12	Fire Hazard Class	Flammable
13	Storage	Store in cool and dry place. Keep away from source of ignition. Keep container tightly closed, out of reach of children and away from food products.
14	Disposal	Do not pour left over paint down the drain or any water course. Dispose in accordance with local regulation.
15	Safety Precaution	Ensure good ventilation during application and drying of paint. Wear protective clothes and gloves. Smoking is prohibited while painting. A suitable dust nose pad should be worn when rubbing the surface. Avoid inhaling the vapour. Wear eye protector during application. In case of contact with eyes, rinse with plenty of water.

POINTS TO NOTE

- Shake well before use and do not over dilute
- Strain the material through a fine sieve before use
- Keep the container tightly closed to prevent drying
- Please keep out of reach of children and away from foodstuff
- In case of contact with eyes, wash immediately with water and seek medical advice

SPECIAL NOTE

Before painting the following things should be checked thoroughly:

1. Moisture content of the wall (Ideal condition - below 12%)
2. pH value of the wall surface (Ideal condition - between 7-11)

If these are violated, owner will be responsible.

*As per test conducted at Berger R&D

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