



## RED OXIDE PRIMER

### PRODUCT DESCRIPTION

Red Oxide Primer is a styrenated alkyd resin based primer.

### PRODUCT FEATURES

Red Oxide Primer provides corrosion protection in light industrial applications. It is a quick drying paint with a tough, durable matt finish. Single coat application offers good protection. Quick & easy to over coat.

### TECHNICAL INFORMATION

Colour:	Red oxide
Appearance:	Matt
Generic type:	Styrenated alkyd
Pigment type:	Titanium dioxide
S.G.:	1.25
Viscosity @ 25°C	63ku
Volume solids:	50 ± 3%
Recommended DFT\coat:	35 microns (depending on blast profile)
Spreading rate:	±6m <sup>2</sup> /litre
Temperature resistance:	80°C (dry)
Solvent:	Industrial Thinners
Mix ratio:	Single pack ready for use
Packaging:	1 litre, 5 litre, 20 litre & 200 litre available on request

### SURFACE PREPARATION

All surfaces are to be clean & dry. Remove all oil, grease & other contaminants with water based degreaser, followed by a fresh water wash. Remove rust & mill scale preferably by abrasive blast cleaning to Grade SA2.5 of International Standard ISO 8501-1:1988 with a blast profile of 30 – 50 microns. Mechanical cleaning to Grade St 3 of the above standard can be done in those areas where blast cleaning is not possible. This, however, can result in a shorter maintenance free life. Good results are obtained with degreasing & lightly abrading of mild steel surfaces.

### APPLICATION

Ideal for use on mild steel doors, door frames, window frames & gates. **Not to be used on galvanized steel or aluminium.**

Airless spray:	10% dilution recommended. Use only Industrial Thinners. Nozzle pressure: 150 – 200 bar Nozzle orifice: 0.017"
Conventional spray:	20 – 25% dilution recommended. Use only Industrial Thinners. Air pressure: 3 – 4 bar Nozzle orifice: 1.5 – 2 mm
Brush and Roller:	Suitable as supplied
Clean up:	Use Industrial Thinners only

### ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature:	Min. 5°C	Max. 40°C
Ambient temperature:	Min. 5°C	Max. 40°C
Relative humidity:	Min.0%	Max.85%

Or at least 3°C above Dew point

### DRYING TIME

Drying time is dependent on 2 factors: Temperature & film thickness. Figures given refer to film thickness of 100 microns.

Substrate Temp	Touch Dry	Hard Dry
5°C	8hours	24 hours
15°C	4 hours	12 hours
25°C	30 minutes	2 hours
35°C	15 minutes	1 hour

### OVERCOATING TIMES

Surface Temperature	Minimum
Maximum	

5°C:	24 hours	Indefinite
15°C	16 hours	Indefinite
25°C:	1 hour	Indefinite
35°C:	30 minutes	Indefinite

All the above are given as guidelines & can not be assumed to be absolute, as variances will result from differences in film thickness, environment & surface temperatures.

### STORAGE AND HANDLING

Store away from direct sunlight & severe cold.

Shelf life:	1 year in original sealed containers.
Flash point:	15°C

### LIMITATIONS

Red Oxide Primer is not recommended for highly corrosive environments. Not to be used as a primer for galvanized steel or aluminium. **When to be used in a dip tank, evaluation of compatibility with existing paint & Red Oxide Primer is essential in order to avoid incompatibility reactions.**

### SAFETY PRECAUTIONS

Work with PVC gloves & safety glasses when using Red Oxide Primer. When spraying Red Oxide Primer, always wear a respirator. This product contains flammable materials. Keep away from sparks & open flames. No smoking should be permitted in the area.

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.

It is not to be considered a guarantee of the products properties.

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