

General Description:

RED OXIDE PRIMER is specially designed as an adhesion primer for iron and steel based on modified alkyd resin pigmented with red iron oxide suitable for interior and exterior use. It is suitable for the protection of structural steelwork and other metalwork where an economical finish with good anti corrosion is required.

Major Uses:

RED OXIDE PRIMER can be used for all type of steel structure and iron works.

Characteristics and Physical Properties:

Appearance	Red Brown
Sp. Weight	1.3kg. / lit. + / - 0.02
Flash Point	39 ⁰ C
Solids by Weight	74%
Solids by Volume	42%
Viscosity	150 – 300 poise.
Coverage/ Coat	10-12 m ² / lit.

Surface Preparation:

Great attention should be paid to correct surface preparation, as this is the single most important step in the painting sequence. Prior to painting, ensure that all traces of grease, dust, oils and grit are completely removed. All loose and flaking material should be removed by scraping and wire brushing. Bare steel, partly corroded should be removed by blast cleaning (ISO – Sa 2^{1/2}).

Drying Time:

Touch Dry	4-6 hrs.
Hard Dry	16-24 hrs.
Painting Interval	24 hrs.

Application:

RED OXIDE PRIMER can be applied by brush, roller and spray.

For brush application, use a good quality of brush to achieve best results.

For roller application, a short pile sheepskin roller is recommended.

Spray Equipment:

Conventional spray

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|---------------------------------------|-------------|
| • Fluid tip orifice(inch) | 0.018-0.021 |
| • Liquid pressure(kg/m ²) | 0.8 – 1.7 |
| • Air pressure(kg/m ²) | 3.1 – 4.1 |
| • Thinning by weigh(%) | 5 – 10 |

Airless

- | | |
|-------------------------|-------------|
| • Fluid tip orifice | 0.015-0.018 |
| • Fluid pump | 30 : 1 |
| • Fluid pressure(kg/m) | 130-150 |
| • Thinning by weight(%) | 0 - 5 |

Storage:

Keep material in a cool place below 25⁰C. Keep the container tightly closed. Shelf life of 12 months minimum.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or EB Thinner # 155 as soon as possible.

Packing:

Available in USG, 5USG (Pail) and 200 ltr (Drum)

Physiological Hazards:

RED OXIDE PRIMER does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. RED OXIDE PRIMER is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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