



THE TATA PIGMENTS LTD
(An ISO 9001- 2015 certified company)
Sakchi Boulevard, Jamshedpur 831002

TECHNICAL DATA SHEET OF RED OXIDE METAL PRIMER

PRODUCT DESCRIPTION

Wonder red oxide primer is a general purpose metal primer based on synthetic resin medium and red oxide of iron as anti corrosive pigment. It provides high durability to the top coat and creates strong bond between the paint and substrate.

PERFORMANCE FEATURES & BENEFITS

- Excellent matt finish • Stain Resistance • Good Durability • Excellent Hardness
- Superior Brushability • Water and Alkali Resistance • Best Film Thickness • Best Adhesion
- Excellent Light Fastness • Good anti corrosive properties • Air drying cum stoving type

RECOMMENDED USAGE

It is recommended for application on all iron and steel surfaces.

SURFACE PREPARATION

Ensure the surface is clean, dry and free from all defective or poorly adhering material, dirt, grease, wax etc. Remove all loose or poorly adhering material by rubbing down using suitable abrasive paper and thereafter wipe off. Apply a coat of Wonder Red Oxide primer before application of required top coats.

TECHNICAL DATA

Drying time

Surface dry within 1-2 hrs*

Hard Dry within 8 hrs*

Finish

Matt

Theoretical Covering Capacity

13 sq.m for 35 μ to 8 sq.m for 40 μ **



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Flash Point

Above 30 °C

Shelf Life

1 year in sealed container kept in dry & normal temperature.

Painting Tools Required

Brush, Spray, Roller

Usable Time of material

Within 24 Hours (Under Standard condition)

Pencil Hardness Level

5B – 6B

Impact Resistance

130 -140 kgcm

PRECAUTIONS

- Refer to the MSDS of Red Oxide Metal Primer for safety measures and precautions
- Store in well ambient condition and keep it away from ignition or fire
- Keep away from children
- In case of eye/skin contact, wash with plenty of water. Inhalation is dangerous, move to fresh air and consult a doctor.
- Do not apply when ambient temperature is below 10 deg C within 4 hrs of application
- Avoid extra thinning for better results
- The container must be tightly closed when not in use. Stir well and strain before use
- Use safety equipments like gloves, goggles and face mask



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SAFTETY FEATURES

Flammable. Do not store at temperature above 30 deg C

SHADE RANGE

Red

NOTE:-

**** Actual coverage may vary depending on the surface porosity, surface roughness, wind velocity, temperature and application technique.**

*** Drying time is checked @27±2 °C & RH= 60 ± 5**

Mohua Guinhababu

Sr. Officer (R&D)