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Technical Product Specifications RED OXIDE PRIMER

PRODUCT DESCRIPTION

RED OXIDE PRIMER is an alkyd-based primer used as an economical protective coating for iron and steel surfaces under non-immersion condition.

PRODUCT CHARACTERISTICS

- High adhesion strength.
- Fast drying.
- Excellent covering power.
- Excellent durability and high weather resistance.

RECOMMENDED USE

Suitable for interior and exterior surfaces.

TYPE OF SURFACE

Iron and Steel surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Low Gloss
Viscosity	140 ± 5 Kreps (at 25°C temperature and %50 humidity) according to (ASTM D(2014) 10-562)
Density	1.32 ± 0.03 gm/cm ³ (at 25°C temperature and %50 humidity). according to (ASTM D13-1475)
Solids by Volume	%2 ± 47

METHOD OF APPLICATION

Diluent	Spirit
% Dilution (by volume)	(8 - 12%)
Tools	Roller, Brush, Sprayer

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness
Dry Film Thickness in Micron	30µm	45µm
Wet Film Thickness in Micron	60µm	90µm



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DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats.
Data in schedule is measured at 25°C temperature and %50 humidity .

Surface Drying	6 hours approximately
Re-coating	18 hours approximately
Full Dry	24 hours

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW STEEL SURFACES

- 1 - 2 coat RED OXIDE PRIMER.

FOR OLD SURFACES

- After sandpapering, clean the surface properly with suitable detergent and water.
Let dry, then follow the above steps for application.

CONDITIONS OF APPLICATION

- Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES

- 1 Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature and quantity lost during application...etc.
- 2 - Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
- 3 - Paint should be mixed before use if it is made of different batches.

STORAGE

- Two years from the date of production, provided that appropriate storage conditions are observed .
- The product should be stored in a cool, well-ventilated place away from sunlight and direct heat .
- Containers must be tightly closed after use .

For the safety of the environment:

Please hand over the waste paint and surplus packaging to any local authorized authority for the purpose of use or recycling.

CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge.

It is based on laboratory tests and practical experience.

Golden line paints & putty company takes no responsibility for consequences of breaching the instructions.

The Company reserves the right to change data herein without notice. Version: 2024, Golden Line paints & putty company.

This version supersedes prior versions .



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