



DESCRIPTION

This product is a single-component, self-drying oxidative coating with excellent hardness, strong adhesion, fast drying speed, and effective rust-proofing properties. Suitable for rustproofing metal and steel structure surfaces

FEATURES

- ▶ Fast drying properties, quick job turnover
- ▶ Excellent penetration capabilities
- ▶ Robust rust prevention
- ▶ Excellent hardness

COMPOSITION

- ▶ Alkyd Resin
- ▶ Nano materials

SPECIFICATION DATA

Color: Gray

Finish: Flat

Clean up solvent: Mineral Spirits

Solids: Volume: 48%

Flash Point (°C): 40±2

VOC Emission (g/L): ≤420

Application Temperature: 5°C–40°C

Dry Time: 77° F (25°C) &75% RH:

To touch – 15 minutes. To recoat – 30 minutes

Recommended film thickness and coverage

Film Thickness	Dry Film Thickness (µm)	Wet Film Thickness (µm)	Theoretical Coverage (m ² /L)
Minimum	40	80	12.50
Maximum	80	160	6.3
Typical	60	120	10.0



SURFACE PREPARATION

NEW STEEL SURFACES

Ensure the substrate is clean, dry, and free from contaminants such as oil, dust, rust, and mill scale to achieve optimal adhesion. Use degreasers, high-pressure fresh water for cleaning, and sandblast to Sa2.5 grade. For temporary protection, apply shop primer if needed. Before final coating, manually sandblast to clean damaged areas, welds, or contaminants, and repair with this product.

Refurbishment and Maintenance

Clean oil and grease using suitable cleaning agents. Remove salts and other contaminants with high-pressure fresh water. Use power tools to clean damaged areas to St3 level (localized repair) or sandblast to Sa2 level.

DIRECTIONS FOR USE

RECOMMENDED TOPCOATS

Application Method	Thinning Ratio	Nozzle Size (mm)	Spraying Pressure (MPa)	Spraying Distance (cm)
Airless Spraying	0-5%	0.42-0.53	15-20	40-50
Air Spraying	5-15%	1.5-2.0	0.3-0.5	20-25
Brushing/Rolling	0-5%	N/A	N/A	N/A

Alkyd Enamel Paints
Alkyd Finish Paints
Alkyd Modified Paints

SHIPPING

Freight Classification:
Combustible

Packaging: 1 gallon (3.785L)
5 gallon (18.925L)

Flash Point (°C): 40±2

LIMITATIONS OF LIABILITY

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