

1. OVERVIEW

KOROPROOF LP113 is a long oil alkyd resin based rust-preventing primer containing zinc chromate with excellent adhesion and anti-corrosion properties.

It also provides an outstanding key for subsequent coatings.

- a. Recommended Use As a rust-preventing primer for use on the structural steel in moderately corrosive environment.
Not recommended for immersion service.

2. PHYSICAL PROPERTIES

- a. Finish and color Flat. Reddish brown 2290.
b. Drying Time

	10 °C/50 °F	20 °C/68 °F	30 °C/86 °F
Set to touch	2 hour	1 hours	40 minutes
Dry through	12 hours	6 hours	4 hours

- c. Solids by volume Approx. 52%
d. Spreading Rate 17.3 m²/L in 30 microns dry film thickness on a smooth surface.
(Theoretical)
e. Specific Gravity Approx. 1.38 (Kg/L).
f. Flash Point 30 °C/86 °F (Closed cup).

3. APPLICATION DETAILS

- a. Surface Preparation * New Steel : Abrasive blasting to Sa 2. Remove any mill-scale, rust, oil and grease and other contaminants.
* Galvanized Steel : Remove any oil and grease and other contaminants, and followed by sanding.
* Maintenance and touch-up: The rust, salt, oil and grease, loose paint film should be thoroughly removed by using suitable tools.
- b. Application Condition The surface must be completely clean and dry.
Do not apply when relative humidity is above 65%.
The surface temperatures must be at least 3 °C (5 °F) above dew point to prevent condensation.
- c. Thinning THINNER No. 012 (Thinning ratio : Max. 10% by volume)
- d. Method of Application Brush, Roller, Spray (air or airless) application.
For airless spray application :
Nozzle orifice : 0.017" ~ 0.019"
Output pressure : 2,100 psi / 143 atm.
Fan : 65°
Thinning : Max. 5%
(Airless spray data are indicative and subject to adjustment).
- e. Film Thickness Recommended per coat 30 microns dry (60 microns wet).

※ This data is believed to be accurate, but without any obligation.

Please consult with our technical department for detail information..

f. Recoating Interval	At 20°C/68°F, Minimum : 8 hours Maximum : 6 months Before overcoating after exposure in contaminated environment, clean surface thoroughly by high pressure fresh water hosing and allow to dry.
g. Subsequent Coat	KORAMEL GLOSS ENAMEL MT325, MT326, KOREDOM READY MIXED PAINT LT411, LT416 or according to specification.
h. Shelf Life	6 months (Store in cool, dry, well-ventilated place.)
i. Packing Unit	18ℓ, 4ℓ
j. Remarks	Protect skin and eyes, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Respiratory protection is recommended when applying this product in confined spaces or stagnant air.
k. Issued	January, 1995

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