



Koramel Red-Lead Q.D. LP117

Product Description A special synthetic resin based rust preventing primer with red lead and zinc chromate pigments. It dries quickly and penetrates well through rough and porous steel.

Recommended Use A rust preventing primer for new construction and maintenance work in Koramel Alkyd paint systems on interior and exterior steel under mildly to moderately corrosive environment including coastal and marine atmosphere.
Not recommended for permanent immersion service.

Physical Properties

Finish and Color Semi-gloss. Reddish Brown (2215), Orange (2220)

Drying Time	Substrate temperature	5 °C/41 °F	20 °C/68 °F	30 °C/86 °F
	Set to touch	3 h	1 h	1 h
	Dry through	24 h	6 h	3 h

* The actual drying time is subject to the film thickness, ventilation, humidity etc., and drying time under other temperature conditions should be checked and informed by KCC.

Solids by Volume Approx. 52 % (Determined by ISO 3233)

Theoretical Spreading Rate 13.0 m²/L in 40 μm dry film thickness on a smooth surface.

Specific Gravity Approx. 1.5

Flash Point 38 °C/68 °F (Closed cup)

Application Details

Surface Preparation Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc.

* Steel : Blast cleaning to Sa2.5 or Power tool cleaning to St3, etc.

Application Conditions The surface should be cleaned and dried completely. Do not apply when relative humidity is above 85 %. The surface temperature should be at least 2.7 °C (5 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.

Thinning Thinner No. 012

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.



KCC Corporation

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Application Spray (Airless or Air), Roller or Brush application.

Method For airless spray application ;

Nozzle orifice : 483 μm ~ 584 μm (0.019" ~ 0.023")

Output pressure : 14.5 MPa

Fan : 60 °

(Airless spray data are indicative and subject to adjustment)

Typical 40 μm dry.

Film Thickness Depending on the purpose and the area of use, different film thickness may be applied.

Recoating Interval At 20 °C/68 °F, Minimum : 6 h
Maximum : Free

Before overcoating, remove the oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

Subsequent Coat Koramel Undercoating LU216, Koramel Enamel LT313, or according to specification.

Shelf Life 12 months

Heat Resistance Continuous : 93 °C/200 °F (Non-immersion service)
Non-continuous : 121 °C/250 °F (Non-immersion service)

Chemical Resistance

	Acids	Alkalis	Solvents	Salts	Water
Splash & Spillage	NR	NR	NR	Good	Excellent
Fumes	Poor	Poor	Poor	Good	Excellent
Immersion	NR	NR	NR	NR	NR

* NR : Not Recommended

Standard Packing Unit 18 L, 4 L

Remarks This product contains lead.
Use with proper precautions and observe strict hygiene.
Avoid prolonged breathing of solvent vapors.
In confined spaces, provide adequate ventilation.
Always use respiratory protection when spraying.
When scraping and wire brushing on old red leads, precautions should be taken against poisoning (filter mask, gloves).

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