



ENAMEL PRIMER-REDLEAD is a rust-preventing primer based short oil alkyd resin and red lead. It has an excellent adhesion, anti-corrosion and fast-drying properties.

It also and provides an excellent base for subsequent coatings.

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

Physical Properties

Finish and Color	FLAT. ORANGE COLOR
Specific gravity	Approx 1.38 ~ 1.43
Solids by volume	Approx. 48%
Spreading rate (Theoretical)	9.6 m ² /L in 50 microns dry film thickness on a smooth surface.(Theoretical)
Flash point	27°C / 80.6°F (Closed cup)

Application details

Surface preparation	<ul style="list-style-type: none"> * New Steel : Abrasive blasting to Sa 2. Remove any mill-scale, rust, oil and grease and other contaminants. * Maintenance and touch-up: The rust, salt, oil and grease, loose paint film should be thoroughly removed by using suitable tools. 			
Method of application	<ul style="list-style-type: none"> * The surface must be completely clean and dry. * Do not apply when relative humidity is above 85%. *The surface temperatures must be at least 3°C(5°F) above dew point to prevent condensation. 			
Thinning	THINNER No. 029K (Thinning rate : MAX10 % by Volume)			
Application conditions	Brush, Roller, Spray(air or airless) application.. <ul style="list-style-type: none"> * For airless spray application : Nozzle orifice : 0.017" ~ 0.019" Output pressure : 2,100 psi / 143 atm. Fan : 65° (Airless spray data are indicative and subject to adjustment).			
Film thickness	Recommended per coat 50 microns dry			
Drying time		10°C/50°F	20°C/68°F	30°C/86°F
	Set to touch	20 min	10 min	5 min
	Dry hard	2 hours	1 hours	40 min
Subsequent Coat	Enamel paint(SENSEMEL GOLD, SENSEMEL 999) or JOHAB paint(SENSEMEL JOHAB)			

Storage and package

Shelf life	6 months
-------------------	----------

Storage	Store in cool(temperature at 5℃-35℃), dry, well-ventilated place
Packing Unit	4 L , 18 L
Remarks	
Handling	a. Protect skin and eyes, and avoid prolonged breathing of solvent vapors.
Precautions	<p>b. Wear the protective mask, protective glasses, gloves and suitable protective equipment</p> <p>c. Use with adequate ventilation.</p> <p>d. Respiratory protection is recommended when applying this product in confined spaces or stagnant air.</p> <p>e. This product contains flammable solvents. Keep away from sparks and open flames.</p> <p>f. For additional safety information, refer to the Material Safety Data Sheet for this product on our internet Homepage (www.kccworld.co.kr)</p>
1'st issue	
Revision	2017-03-03

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.

