



KORAMEL PRIMER MP121 is a quick drying, alkyd resin based paint with excellent adhesion, rust-preventing properties and resistance to water.

Recommended use	As a protective coating for use on steel appliance
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Physical Properties

Finish and Color	Flat, Gray, Redbrown.
Specific gravity	Approx. 1.2~1.3(Kg/L).
Solids by volume	Approx. 39%
Spreading rate (Theoretical)	15.6㎡/L. in 25 microns dry film thickness on a smooth surface.
Flash point	22℃/71.6°F (Closed Cup).
Viscosity	70~80KU

Application details

Surface preparation	Remove any rust, dust, oil and grease and other contaminants from the surface to be coated and followed by zinc phosphate treatment (coating weight : 2 ~ 2.5g/㎡). *Degreasing → 1st Rinse → Pre-treatment → 2nd Rinse → After-treatment → Drying			
Method of application	Air spray application. Nozzle orifice : 1.3 ~ 1.5mm Output pressure : 4 ~ 5Kg/cm ² Number of spray : 2 ~ 3 times (going and coming) (Air spray data are indicative and subject to adjustment.) * Roller or Dipping is not recommendable.			
Thinning	Thinner No. 003 or 002 * Air spray application : Adjust the paint viscosity up to 18~22 seconds in Ford Cup No.4. * Dipping application : Adjust the paint viscosity up to 20~30 seconds in Ford Cup No.4.			
Application conditions	Preferred temperature during application is 25℃/77°F, and relative humidity is below 85%.			
Film thickness	Recommended per coat 30~40 microns dry.			
Drying time	Panel temperature	10℃	20℃	30℃
	Set to touch	1hours	30minutes	10minutes
	Dry through	8hours	4hours	2hours
Recoating interval	At 20℃/68°F, MIN. 4hours MAX. 3weeks			

Storage and package

Shelf life	12 months
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Storage	Store in cool, dry, well-ventilated place.
	Can of bottom composition should be turned regularly twice a month
Packing Unit	18L
Remarks	
Note	Avoid humidity and direct sunlight. Mix thoroughly prior to application. Keep containers closed when not in use. Keep away from sparks and open flames. Avoid prolonged breathing of solvent vapors and contact with skin and eyes. In case of eyes contact, flush immediately with plenty of water for at least 15 minutes. Use with adequate ventilation. Respiratory protection is recommended when spraying this material in confined space or stagnant air.
1'st issue	2012-10-01
Revision	

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.

