



MS711S is based an alkyd resin paint which has an excellent fungus resistance and weather resistance . It is air-drying high-quality decorative finishing coat for exterior /interior with excellent hiding power, flow, leveling, workability, color retention and resistances against water, saline water, oil & grease.

※ MS711S is a paint approved MPI # 94 (Alkyd, Exterior, Semi-Gloss(MPI Gloss Level 5))

Recommended use	- Use on Interior / Exterior
	- Wood / Metal / Drywall / Plaster

Physical Properties

Finish and Color	a. Finish-Semi-gloss
	b. Color-Available on request.
Specific gravity	1.1 ~ 1.2 (according to color)
Solids by volume	44~48% (according to color)
Spreading rate (Theoretical)	14.6 ~ 16 m ² /L (DFT 30μm)
Flash point	38°C/100°F (Closed cup)
Flexibility	No Cracking or Flaking (½ inch mandrel at 6 mil WFT)

Application details

Surface preparation	Surfaces must be clean and free of dirt, grease, wax, mildew and scaling paint.
	Remove contaminants by washing thoroughly with a strong detergent solution.
	Rinse with clean water. If mildew is present, it must be removed with a commercial mildew solution.
	CAUTION : Use rubber gloves, work goggles, and protective clothing when applying mildew wash.
Preceding coat	* New Steel : Best cleaning to Sa 2, and apply ENAMEL PRIMER or SENSEMEL ANTI CORROSIVE PRIMER.
	* Wood : Remove any dust, oil and other impurities from the surface to be coated.
	* Plaster / drywall : Remove any dust, oil and other impurities from the surface to be coated.
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. 15% (Airless spray data are indicative and subject to adjustment).
Thinning	THINNER No. 012 (Thinning ratio : Max. 10% by volume)
	Because of adhesion, avoid excessive thinning
Application conditions	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 above dew point to prevent condensation.
Film thickness	Recommended per coat 30 microns dry.
	Apply 2 times with proper film thickness.

Drying time		10℃/50°F	20℃/68°F	30℃/86°F
	Set to touch	3 hours	1 hours	30 min
	Dry hard	20 hours	16 hours	10 hours
Recoating interval	At 20℃, Minimum : 16 hours Maximum : 6 months			
Storage and package				
Shelf life	12 months			
Storage	Store in cool, dry, well-ventilated place. (Temp at 5℃~35℃)			
Packing Unit	1L, 4L, 18L			
Remarks				
Handling Precautions	a. Protect skin and eyes, and avoid prolonged breathing of solvent vapors. b. Wear the protective mask, protective glasses, gloves and suitable protective equipment. c. Use with adequate ventilation. d. Respiratory protection is recommended when applying this product in confined spaces or stagnant air. e. This product contains flammable solvents. Keep away from sparks and open flames. f. For additional safety information, refer to the Material Safety Data Sheet for this product on our internet Homepage(www.kccworld.co.kr)			
1'st issue	2014-08-01			
Revision	2015-07-30			

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.

