



Synthetic Resin Emulsion Paint KSM6010- Class 2 – Grade 1

Product Description	An acrylic emulsion based latex paint with very good durability, workability, appearance and resistance to water and alkali.
Recommended Use	As a finish coat for use on interior of buildings. It can be applied on the concrete, cement mortars, PC, Plaster, etc.

Physical Properties

Finish and Color Flat. White, Tint, Tints are color matched by using of YY910

Drying Time	Substrate temperature	10 °C/50 °F	20 °C/68 °F	30 °C/86 °F
	Set to touch	1 hour	30 minutes	20 minutes
	Drying through	2 hours	1 hour	40 minutes

* 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. 38 % (Determined by ISO 3233)

Theoretical Spreading Rate 9.50 m²/L in 40 microns dry film thickness on a smooth surface.

Specific Gravity Approx. 1.48 Kg/L (WHITE)

Flash Point Non-inflammable

Application Details

Surface Preparation

- * New concrete and mortar : Remove laitance, dust and other impurities from the surface to be coated with wire brush or sandpaper.
- * Maintenance and Repair work : Remove old paint film and other impurities from the surface to be coated, and all cracked areas should be sealed SUPRO PUTTY (INTERIOR) after V-cutting.
- * For application on poor surface (or winter season). MIXING LIQUID must be applied for better adhesion. (MIXING LIQUID : WATER = 100 : 400)

Application Conditions The surface should be completely cleaned and dried. 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 Tap water (Thinning ratio : Max.15 % by volume)
Because of adhesion, avoid excessive thinning.

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 Method	Spray (Airless or Air), Roller or Brush application. For airless application ; Nozzle orifice : 432 μm ~ 533 μm (0.017" ~ 0.021") Output pressure : 14.5 MPa Fan : 65 ° (Airless spray data are indicative and subject to adjustment)
Typical Film Thickness	40 μm dry film. Two (2) coats are recommended in general.
Recoating Interval	At 20 °C/68 °F, Minimum : 1 h
Shelf Life	12 months Store in cool, dry, well-ventilated place.
Standard Packing Unit	18 L
Remarks	Because of cracking problem, can not be used in the temperature below 5 °C/41 °F. Avoid excessive thinning. May be color difference and poor appearance, functionality deterioration. Protect to frost during transport or storage. When applying on old film or on surface applied with putty, check adhesion test prior to application. Must use sealer on irregular surface as a primer to avoid color difference according to the absorbed difference. Keep containers closed when not in use. Store out of children's reach. If you have any questions about products or you want to know safety information, you can get the technical datasheets and MSDS on our Internet Homepage (www.kccworld.co.kr) or ask the customer's service.
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