



SENSEMEL KS-CLASS1 JOHAB is a room-temperature curing paint based on special long alkyd resin. It is oil-based paint with good adhesion, color retention, and excellent workability and flexible coating.

Recommended use	Wood and steel tops for buildings, furnitures, etc. (DO NOT APPLY ON NON-STEEL MATERIALS)
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Physical Properties

Finish and Color	A. Finish: Gloss B. Color: Available on request.
Specific gravity	Approx. 1.43 (according to color)
Solids by volume	57 – 61 % (according to color)
Spreading rate (Theoretical)	19~20.3 m ² /L (DFT 30μm)
Flash point	38°C/100°F (Closed cup)

Application details

Surface preparation	1) New Steel : – 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 mildewcide solution. ※ CAUTION : Use rubber gloves, work goggles, and protective clothing when applying mildew wash
Preceding coat	1) New Steel : Best cleaning to Sa 2, and apply ENAMEL PRIMER or SENSEMEL ANTICORROSIVE PRIMER. 2) Wood : Remove any dust, oil and other impurities from the surface to be coated. 3) Maintenance : Remove oil and grease with suitable detergent, and remove loose materials by scraping or wire brushing.
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. 10% (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	1) The surface must be completely clean and dry. 2) Do not apply when relative humidity is above 85%. 3) 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°C /50°F	20°C /68°F	30°C /86°F
	Set to touch	12 hours	9 hours	6 hours
	Dry hard	60 hours	48 hours	40 hours
Recoating interval	At 20°C , Minimum : 12 hours ※ Well-ventilated place			

Storage and package

Shelf life	12Months
Storage	1) Store in cool, dry, well-ventilated place. 2) Temp at 5°C ~35°C
Packing Unit	4 L, 18 L

Remarks

Handling	a. Protect skin and eyes, and avoid prolonged breathing of solvent vapors.
Precautions	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).
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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.

