

# AIR DRY TYPE ALKYD RESIN ENAMEL

## KSM-6020 Class 2

This paint is a top coat for the interior and exterior use of buildings. It is excellent in weather resistance, hiding power, and light resistance and has strong coating film and adhesive strength, good durability and workability with long-lasting gloss.

Usage

Paint for building interior/exterior, steel and wood finishing and protection

### Specification

Paint type	Heavy oil alkyd resin / Top coat			
Category	Category	Gloss	Semi-gloss	Matte
	Color	White, light color, other color(Made to order)		
	Specific gravity	Approx. 1.2(Based on white color)		
	Theoretical Coverage	6~7m <sup>2</sup> /ℓ		
	Thickness of dried film	60μm		
	Number of painting	2times		
	Set-to-touch	2 hours(20℃)		
	Dry-hard	8 hours(20℃)		
	Time required for re-coating (min.)	16 hours(20℃)		
	Thinner	KSM-6060(Class 1)		
	Dilution ratio	10%(Volume ratio)		
	Mixing ratio	One-component		
	Shelf life	12 months (Dry, cool, and dark place with good ventilation)		

### Product Properties (Physical Property Data)

Category	Category		Gloss		Semi-gloss	Matte
			Grade 1	Grade 2		
	Nonvolatile (% to enamel)	White and light colors	More than 58	More than 45	More than 62	More than 64
		Other colors	More than 44	More than 40	More than 55	More than 58
	Nonvolatile vehicle (% to enamel)	White and light colors	More than 32	More than 30	More than 23	More than 18
		Other colors			More than 22	

### How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. New metal plate: Remove dust, oil, etc. from the surface of the substrate using xylene or another proper solvent and then remove rust or forge scale by treating at blasting Sa2. Apply after coating with a proper primer (FAST DRYING ANTI-CORROSION PRIMER, KSM-6030 class 1) or an undercoat according to the coating specifications.</li><li>2. New wood: Completely remove dust, oil, etc. Please apply sanding treatment if necessary.</li><li>3. Repair coating: After completely removing dust, oil, etc., thoroughly remove the paint film that has poor adhesion or is damaged with a wire, brush, or scrapper. Apply sanding for the surface of the old film to enhance adhesion.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Coating can be done by either brush, roller, or airless spray coating.</li><li>2. Airless spray coating :<ul style="list-style-type: none"><li>- Tip diameter : 0.43 ~ 0.48 mm</li><li>- Injection pressure : 143 atm</li><li>- Injection angle : 65°</li></ul>(Airless spray data are for reference only, and it is adjusted according to the coating conditions.)</li><li>3. Coating conditions : The surface of the substrate must be clean. The surface temperature should be at least 3°C higher than the dew point to the relative humidity should be less than 85%.</li></ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"><li>1. Preceding coating : Alkyd system primer</li><li>2. Follow-up coating : Alkyd top coat</li></ol>
Remarks	※ It is a KS mark product corresponding to KSM-6020 class 1. (Kinds : Glossy(Grade 1, Grade 2), semi-gloss, matte)