

# EXTERIOR WATER-BASED PAINT

## KS M 6010 Class 1 Grade 2

This paint is an exterior (finishing) water-based paint with excellent alkali resistance, water resistance, weather resistance, and washability resistance, which is made of high-grade acrylic emulsion resin and pigment with excellent weather resistance as the main ingredients.

Usage

Finish coating for exterior walls of alkaline material such as concrete, cement mortar, P.C., plaster, etc.

### Specification

Paint type	Acrylic emulsion water-based exterior / Top coat			
Drying time	Category	5°C	20°C	30°C
	Dry-hard	3 hours	1 hour	40 minutes
	Time required for re-coating (min.)	6 hours	3 hours	2 hours
Thinner	Tap water(dilution rate: up to 20%, volume ratio)	Coating Method	Brush, roller, spray coating	
Specific gravity	Approx. 1.36(based on white color)	Solid volume ratio	Approx. 37%(based on white color)	
Theoretical Coverage	5~7m <sup>2</sup> /ℓ/2times	Thickness of dried film	60μm (2coats recommended)	
Re-coating interval	20°C, sufficient ventilation for a minimum of 3 hours	Color	White, other colors	
Gloss	Matte			
Storage and preservation	12 months (Dry, cool, and dark place with good ventilation, room temperature 5°C~30°C, humidity less than 80%)			

### Product Properties (Physical Property Data)

KS Standard	It is a KS marked item corresponding to KS M 6010 class 1 grade 2.
Excellent film property	Alkali resistance, washability resistance, water resistance, weather resistance and durability are excellent.

### How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. The material should be sufficiently cured (cured more than 30 days at 20°C)</li><li>2. Laitance, dust, oil and other contaminants on the surface must be completely removed.</li><li>3. The proper pH of the material must be less than 9, and the percentage of moisture content must be less than 6%.</li><li>4. The gaps and grooves on the surface must be filled with exterior water-based putty, and surface adjustment should be made before coating.</li><li>5. After the substrate treatment, if necessary, apply 15μm D.F.T. of Waterbased Penetrative Sealer DNX-4001 with a roller or a brush to prevent poor adhesion and discoloration defects.</li><li>6. For areas where the absorption of the surface is severe, apply once more after at least 3 hours at 20°C.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Apply twice to get a dry film thickness of 60μm with a roller, brush or spray.</li><li>2. At this time, apply by diluting with water up to 20%.</li><li>3. After 2 coats, the re-coating interval is at least 3 hours after the first top coating at 20°C.</li></ol>