

# EXTERIOR WATER-BASED PAINT

## KS M 6010 Class 1 Grade 1

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. 1.35(based on white color)		Solid volume ratio	Approx. 42%(based on white color)
Theoretical Coverage	6~8m <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 1.
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>