

# Q-fit PLUS WATER-BASED EXTERIOR

## 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. In particular, in terms of hiding, it is an exterior water-based paint suitable for cement mortar or new concrete buildings or for repair painting due to its excellent painting workability based on its superiority to existing KS exterior grade 2 products.

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
	Set-to-touch	1 hour	30 minutes	20 minutes
	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. 1.39(based on white color)	Solid volume ratio	Approx. 36%(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, durability, and hiding power 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></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Primer<ol style="list-style-type: none"><li>① After surface treatment, dilute the water-based permeable sealer DNX-4001 with water up to 100%, and apply once at a dry film thickness of 15μm with a roller or brush.</li><li>② For areas where the absorption of the surface is severe, apply once more coating.</li></ol></li><li>2. Top Coat<ol style="list-style-type: none"><li>① After at least 3 hours at 20°C following undercoating, apply this paint twice to get a dry film thickness of 60μm with a brush, roller 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></li></ol>