

# 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       |
|                          | 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. 1.36(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></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> |