

# HIVILLON



## Water-based interior vinyl paint

This paint is an eco-friendly water-based paint containing very low levels of volatile organic compounds and heavy metals in addition to having almost no odor in the painting and drying processes. It is also an interior vinyl paint made mainly of vinyl emulsion, having excellent hiding power, smoothness and workability. It is an interior water-based paint that makes the appearance smoother and cleaner after painting than general water-based paints.

Usage

Finish coating for indoor ceilings and walls of alkaline material such as concrete, cement mortar, plasterboard, etc.

### Specification

|                          |  |                         |                                   |            |
|--------------------------|--|-------------------------|-----------------------------------|------------|
| Paint type               | Emulsion water-based interior / Top coat   |                         |                                   |            |
| Drying time              | Category   | 10°C                    | 20°C                              | 30°C       |
|                          | Set-to-touch   | 1 hour                  | 30 minutes                        | 20 minutes |
|                          | Dry-hard   | 2 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. 1.49(based on white color)   | Solid volume ratio      | Approx. 35%(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)

|                         |  |
|-------------------------|--|
| Workability             | Due to its excellent film formation and smoothness, the paint does not splash much, and the hiding power is excellent. |
| Eco-friendly properties | A LOW VOC, harmful heavy metal FREE, British Allergy UK certified, and environmental mark certified product.           |

### 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> |