

Water-based interior vinyl paint



※ This product can be used inside multi-use facilities and 100-500 unit apartment houses under The Indoor Air Quality Control Act.

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℃	20℃	30℃
	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	5~7m²/ℓ/2times	Thickness of dried film	60μm (2coats recommended)	
Re-coating interval	20℃, sufficient ventilation for a minimum of 3 hours	Color	White, other colors	
Gloss	Matte	Package	18L, 4L	
Storage and preservation	12 months (Dry, cool, and dark place with good ventilation, room temperature 5℃~30℃, 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. Environmental mark certified.

How to Use

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