

PORORO KIDS BIO



This paint is designed based on a special emulsion resin with excellent adhesion and pigment. It is a multi-purpose, highly functional water-based paint that can be applied to various basis materials including not only concrete but also old coating of existing oil-based enamels and lacquers. It also has an excellent antimicrobial effect. As it is a water-based paint, it has almost no solvent odor and is excellent in hiding power and appearance of the coating film, making it easy for anyone to work.

Usage	Alkaline material such as concrete, cement mortar, plasterboard, etc. Coated steel, interior wood, enamel/lacquer old coating repairs
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Specification

Paint type	Acrylic emulsion water-based interior / Top coat			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	1 hour	30 minutes	20 minutes
	Dry-hard	3 hours	2 hours	1 hour
	Time required for re-coating (min.)	4 hours	3 hours	2 hours
Thinner	Tap water(dilution rate: up to 10%, volume ratio)	Coating Method	Brush, roller, spray coating.	
Specific gravity	Approx. 1.25(Based on white color)	Solid volume ratio	Approx. 37 % (Based on white color)	
Theoretical Coverage	5~7 m ² /ℓ/2times	Thickness of dried film	60μm (2 coats recommended)	
Re-coating interval	20℃, sufficient ventilation for a minimum of 3 hours	Color	White, other colors	
Gloss	Semi-gloss			
Storage and preservation	12 months (well-ventilated dry, cold and dark location, room temperature 5℃~30℃, humidity less than 80%)			

Product Properties (Physical Property Data)

Various purposes	Multi-purpose water-based paint that can be attached to various basis materials.
Excellent film property	Adhesion, water resistance and washability resistance are excellent.
Excellent eco-friendly properties	It is a LOW VOC, harmful heavy metal free eco-friendly water-based paint with little odor during painting.

How to Use

Surface treatment	<ol style="list-style-type: none">1. If there are dust, oil, scribbles in crayons, colored pencils, etc. and dirty finger marks, they should be removed with a neutral detergent diluent and a soft cloth, and the surface should be wiped.2. Areas infested with mold should be cleaned with a damp cloth after removing the mold using bleach or a mold cleaner. The paint should be applied after completely drying the surface.3. If any of the old film remains, apply the paint after sanding the old film with sanding paper and clean the area for enhancement of adhesion.4. When applied to concrete and general water-based old films, the surface treatment method is the same as the one for general water-based paints.
Coating Method	<ol style="list-style-type: none">1. Primer<ol style="list-style-type: none">① After surface treatment, if necessary, dilute Gesso with water up to 10%, and apply once with a roller, brush, or spray to get a dry film thickness of 30μm.2. Top coat<ol style="list-style-type: none">① After at least 3 hours at 20℃ following undercoating, apply this paint twice to get a dry film thickness of 60μm with a brush, roller or spray.② At this time, apply by diluting with water up to 10%.③ After 2 coats, the re-coating interval is at least 3 hours after the first top coating at 20℃.