

HD CINEMA



HD CINEMA is a special water-based interior paint for chroma key painting that handles backgrounds at the studio. It is a water-based paint containing very low levels of volatile organic compounds and hazardous heavy metals in addition to having little 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

Special paint for chroma key painting of studios (for interior)

Specification

Paint type	Emulsion water-based interior / Top coat			
Drying time	Category	10℃	20℃	30℃
	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: less than 20%, volume ratio)	Coating Method	Brush, roller, spray coating.	
Specific gravity	Approx. 1.33(Based on blue color)	Solid volume ratio	Approx. 27 % (Based on blue color)	
Theoretical Coverage	4~5 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	Blue, green	
Gloss	Matte			
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)

Workability	Due to its excellent film formation and smoothness, the chroma key effect is excellent.
Eco-friendly properties	It is a LOW VOC, harmful heavy metal free product with little odor during painting and drying processes.

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 interior water-based putty, and surface adjustment should be made before coating.
Coating Method	<ol style="list-style-type: none">1. Primer<ol style="list-style-type: none">① As it is a product with insufficient hiding power, it must be used after working with water-based interior white paint.② For areas where the absorption of the surface is severe, apply once more coating.2. Top coat<ol style="list-style-type: none">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.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.