

NATURAL DEW FREE COAT

Water-based dew free paint

This paint is a water-based anti-condensation paint made by using special acrylic emulsion resin and porous diatomaceous earth, having excellent weather resistance. It is an eco-friendly anti-condensation highly functional water-based paint to provide a pleasant environment by reducing condensation generated by temperature and humidity differences between the inside and outside of a building through a moisture absorption effect and by preventing the generation of thallophyta such as fungi that are likely to occur in a humid place.

Usage

Inner walls of factories, warehouses, houses, buildings, etc.

Specification

Paint type	Acrylic emulsion water-based interior / Top coat			
Drying time	Category	5°C	20°C	30°C
	Dry-hard	6 hours	3 hours	2 hours
	Time required for re-coating (min.)	8 hours	4 hours	3 hours
Thinner	Tap water(dilution rate: less than 20%, volume ratio)	Coating Method	Brush, roller, spray coating	
Specific gravity	Approx. 1.4(Based on white color)	Solid volume ratio	Approx. 36 % (Based on white color)	
Theoretical Coverage	3.4 m ² /ℓ / 3times	Thickness of dried film	130μm (2~3 coats recommended)	
Re-coating interval	20°C, sufficient ventilation for a minimum of 4 hours	Color	White, light color	
Gloss	Matte	Package	18L, 4L	
Storage and preservation	12 months (well-ventilated dry, cold and dark location, room temperature 5°C~30°C, humidity less than 80%)			

Product Properties (Physical Property Data)

Excellent condensation supplementation	It is a highly functional water-based paint with anti-condensation and anti-fungal functions, which meets the anti-condensation paint specifications required in the LH construction specifications.
Environment	This product has obtained Eco-Mark certification.
Superior film property	Alkali resistance, washability resistance, water resistance, weather resistance and durability are excellent, and it meets the specifications of KS M 6010 class 2 grade 1.

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.
Coating Method	<ol style="list-style-type: none">1. Primer<ol style="list-style-type: none">① After surface treatment, if necessary, dilute the water-based epoxy undercoat with water up to 10% and apply once with a roller or brush to get a dry film thickness of 20μm.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 2~3 times with a brush, roller or spray to get a dry film thickness of 130μm.② At this time, apply by diluting with water up to 20%.③ After 2 coats, the re-coating interval is at least 4 hours after the first top coating at 20°C.