

WATER-BASED ELASTIC WATERPROOFING TOP COAT

Waterborne gloss paint

WATER-BASED ELASTIC WATERPROOFING TOP COAT is a water-based gloss paint with a special acrylic resin as the main ingredient. It is excellent at water resistance and weatherability and has a stain-resistant function due to little stickiness, so that its function of water-based elastic water-resistant paint can be maintained for a long time.

Usage

Water-based elastic waterproofing top coat (Roofs and rooftops of buildings), Concrete exterior walls for gloss finish

Specification

Paint type	Special gloss emulsion water-based exterior / Top coat			
Drying time	Category	5°C	20°C	30°C
	Dry-Hard	4 hours	2 hours	1 hour
	Time required for re-coating (min.)	5 hours	3 hours	2 hours
Thinner	Tap water (dilution rate: up to 10%, volume ratio)	Coating Method		Brush, roller, spray
Specific gravity	Approx. 1.04 (based on green color)	Solid volume ratio		Approx. 39% (based on green color)
Theoretical Coverage	6~7 m ² /ℓ/2 coats	Thickness of dried film		60μm (2 coats recommended)
Re-coating interval	20°C, sufficient ventilation for a minimum of 3 hours	Color		Green, gray
Gloss	Glossy	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)

Superior stain resistance	Less stickiness allows for excellent stain resistance.
Easy workability	As it is a one-component water-based type, workability is excellent.

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, dilute the water-based elastic waterproofing primer with water up to 100%, and apply once at a dry film thickness of 30μm with a roller or brush.② For areas where the absorption of the surface is severe, apply once more coating.2) Intermediate coating<ol style="list-style-type: none">① After at least 8 hours at 20°C following undercoating, apply this paint 3~4 times with a brush, roller or spray to get a dry film thickness of 1000μm.② At this time, undiluted paint is recommended, but if necessary, it can be diluted to less than 5% with tap water for coating.③ The re-coating interval is at least 3 hours at 20°C after intermediate coating.3) Top coat<ol style="list-style-type: none">① After the full cure of the intermediate coat, apply 2 top coats.