

CUBI COAT

Epoxy bone tile exterior



This paint is a 2K paint consisting of an epoxy type primer, a pattern finish, and an acrylic urethane type (non-yellowing) top coat. It is a top-grade paint that provides a beautiful three-dimensional effect and is excellent in adhesion, durability, water resistance, alkali resistance, chemical resistance, outdoor exposure, gloss, and workability. It protects buildings and prevents water leakage, while providing excellent performance and a three-dimensional effect unlike conventional paints by pattern adjustment and color diversification.

Usage

Finish coating for commercial buildings/residential buildings/public facilities

Specification

Paint type	Primer and intermediate coating: water-based 2K epoxy / Top coat: oil-based 2K acrylic urethane					
Standard coating Specification	Category	Product Name	Drying time	Theoretical Coverage	Characteristics	Pot life
	Primer	Water-based epoxy	8	7~8	Adhesion	90 minutes
	Pattern finish	DCE-800W	48	1~1.2	3D pattern formation	2 hours
	Pattern change stage	Plastic flat roller	After pattern finish, adjust by lightly pressing at the surface within 30 min. to 1 hr.(use by coating petroleum on a flat roller)			
	Top coat general color	Anythane	8	14~15	Durability, gloss	3 hours
Thinner	Tap water		Coating Method		Tile gun spray (DCE-800W)	
Specific gravity	Approx. 1.79 (DCE-800W)		Mixing ratio		Water-based epoxy : base:hardener = 2:1 (weight)	
Theoretical Coverage	1~1.2 m ² /ℓ (DCE-800W)				DCE-800W : base:hardener = 2:1 (weight)	
					ANYTHANE : base:hardener = 8:1 (volume)	
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)

Excellent workability	Workability is excellent.
Excellent film property	Weather resistance, durability and adhesion are 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, thoroughly mix the base of water-based epoxy undercoat and the hardener at a weight ratio of 2:1. Properly dilute with tap water and apply 1~2 times with a brush or roller to make it sufficiently absorb into the surface and get a dry film thickness of 40μm.2. Intermediate coating<ol style="list-style-type: none">① After at least 18 hours at 20°C following undercoating, thoroughly mix the base of intermediate coat DCE-800W and the hardener at a 2:1. Dilute with water up to 10% and form a bone tile pattern with a tile gun.② For the pressed pattern, lightly press and adjust by putting oil on the plastic flat roller under a dry surface condition within 30 minutes to 1 after pattern formation coating.2. Top Coat<ol style="list-style-type: none">① After 48 hours at 20°C following intermediate pattern formation coating, thoroughly mix the base of top coat Anythane and the hardener. Then, dilute with the specified thinner (DR-700) and apply with a brush, roller or spray.