

X43401

Epoxy floor coating

FLOOR COATING

A high quality paint for concrete and mortar based on solid epoxy resin and polyamide hardener

- Excellent adhesion to concrete and cement surface. Tough and hard film and high abrasion resistance.
- Excellent resistance to chemicals. Excellent resistance to water and sea water. High resistance to aliphatic hydrocarbon solvents.

Use

Finish coat for concrete, cement and similar materials, which required high chemical and solvent resistance

Paint characteristics

Division	Contents
Color	Green, Gray and Ordered color
gloss(60°, %)	Over 85
Solid volume(%)	Approx 41 ~ 47
gravity (g/m ³ , 25°C)	Approx 1.25 ~ 1.35
Heat resistance (°C)	Under 80

* When exposed to an external cause gloss loss and chocking.

Hardener

FLOOR COATING HARDENER

Mixing ratio

base : hardener = 3 : 1

Recommended Dry Film Thickness (μm)

Approx 60

Theoretical Coverage (m²/kg)

Approx 6.5 (DFT 60μm)

* Spreading rate changes depending on application technique, weather, waste, and surface conditions

Drying Time (20°C)

Set to touch : 2 Hrs. Dry-hard : 24 Hrs.

Over coating Interval (20°C)

Minimum 12 Hrs, Maximum 7 days.

* Based on the application of the same paints.

POT LIFE (20°C)

8 Hrs.

Recommended Thinner & Dilution ratio (volume%)

FLOOR EPOXY THINNER & dilution ratio : 10%

Cleaning Thinner

FLOOR EPOXY THINNER

Recommended paint

<Primer> FLOOR S SEALER CLEAR

<Intermediate coat> FLOOR LINING

Packing Unit

16Kg (Base : 12 Kg, Hardener : 4 Kg)

construction method

1. Substrate preparation

To completely remove the surface oil, water, dust or the like debris. pH 7 ~ 9, the water content should not be more than 6%.

2. Application Method

Description	Product name	Coating number time	Film Thickness	Application Equipment	Color
Primer	FLOOR S SEALER CLEAR	1	50μm	B, R, S	Clear
Top-Coat	FLOOR COATING	2	120μm	B, R, S	Green, Gray & Ordered color

※ Abbreviation of Application Equipment : B⇒Brush, R⇒Roller, S⇒Spray

3. Application

1) Primer

- After the processing of the desktop is over, "FLOOR S SEALER CLEAR" weight the main agent and curing agent ratio of 3.5: 1 were mixed well, painted 50μm 1 times with a roller or brush

- So as to be fully absorbed into the possession of the surface at the time of painting, to paint diluted with up to 10% "FLOOR EPOXY THINNER".

- Partially it must be uniformly coated so that they are not thick coating.

- Once absorbed intense part of the paint during the painting surface, it must be added painted hard.

2) Top coat

- "FLOOR S SEALER CLEAR" after painting, after at least 6 hours at 20 °C, "FLOOR COATING" weight ratio of the base resin and a curing agent of 3: 1 and thoroughly mixed paint.

- At this time, painting is diluted up to about 10% " FLOOR EPOXY THINNER" when necessary.

- If the Line Marking is required, painting the color of hope after taping with masking tape marking around after a lapse of at least 16 hours at 20 °C.

Cautions

- 1) Base and hardener should be correctly and sufficiently mixed according to instructions.
- 2) Do not coat under the condition above 80% of humidity or below 5°C of temperature.
- 3) After using the paints, the remaining paints have to be stored in a dark and fire-proof place, while keeping out of reach of children.
- 4) If it coated when it rains and wind blows, may occurred defect in film surface.
- 5) Completely use in pot life. if not, it hardened.

Paint System

Coating method	Product name		Coating number time	Recommended Dry Film Thickness (μm)	Theoretical coverage (kg/m ²)	Real coverage (kg/m ²)	A unit cost (₩/ℓ)	Sum of money (₩/m ²)	Note
Primer	Paint	FLOOR S SEALER CLEAR	1	50μm	0.2	0.25			Loss 20%
	Thinner	FLOOR EPOXY THINNER				0.025			Thinning ratio 10%
Top coat	Paint	FLOOR COATING	2	120μm	0.28	0.35			Loss 20%
	Thinner	FLOOR EPOXY THINNER				0.035			Thinning ratio 10%
Total			3	170μm					

- VAT apartment.
- Real coverage can be add and subtract to the work conditions and work methods.
- Construction cost apartment.
- Abbreviation of Application Equipment : B⇒Brush, R⇒Roller, S⇒Spray

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Kangnam JEVISCO

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