

## X43801

Self-leveling Epoxy floor

# FLOOR LINING

Floor coat Paint based on Epoxy resin and Polyamine with solvent-free air drying system

- Excellent adhesion to concrete and cement surface. Tough and hard film and high abrasion resistance.
- Excellent chemical resistance to water and solvent. Excellent high-gloss. Build up thick film(1-3mm) in one coat.
- Self-levelling type paint. Smoothness of surface easy to clean.

### Use

dust-free place such as laboratory, electronic accessories plant and chemical plant.

### Paint characteristics

Division	Contents
Color	Green, Gray and primary color
Gloss (60°, %)	Approx 80
Solid volume (%)	Approx 95
gravity (g/m <sup>3</sup> , 25°C)	Approx 1.45 ~ 1.55
Heat resistance (°C)	Under 80

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

### Hardener

FLOOR LINING HARDENER

### Mixing ratio

base : hardener = 5.5 : 1

### Recommended Dry Film Thickness (mm)

Approx 1-3

### Theoretical Coverage (m<sup>2</sup>/kg)

Approx 0.3 (DFT 3mm)

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

### Drying Time (20°C)

Set to touch : 4 Hrs. Dry-hard : 24 Hrs.

### Overcoating Interval (20°C)

Minimum 36 Hrs, Maximum 1 Month.

\* Based on the application of the same paints.

### POT LIFE (20°C)

1 Hrs.

### Recommended Thinner & Dilution ratio (volume%)

undiluted

### Cleaning Thinner

FLOOR EPOXY THINNER

### Recommended paint

<Primer> FLOOR S SEALER CLEAR

<Top coat> FLOOR COATING

### Packing Unit

24Kg (Base : 20.3 Kg, Hardener : 3.7 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
Intermediate coat	FLOOR LINING	2	3000μm	Rake	Green, Gray
Top-Coat	FLOOR COATING	1	60μm	B, R, S	Green, Gray & Primary 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 LINING" weight ratio of the base resin and a curing

agent of 5.5: 1 and thoroughly mixed paint.

-At this time, do not need dilute

- 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 (t / m <sup>2</sup> )	Real coverage (t / m <sup>2</sup> )	A unit cost (W / t)	Sum of money (W / m <sup>2</sup> )	Note
Primer	Paint	FLOOR S SEALER CLEAR	1	50μm	0.2	0.25			Loss 20%
	Thinner	FLOOR EPOXY THINNER				0.025			Thinning ratio 10%
Intermediate coat	Paint	FLOOR LINING	2	3000 μm	3.42	3.6			Loss 5%
	Thinner								
Total			3	3050 μm					

- 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

2016. 11. 04.

## Kangnam JEVISCO

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