

# Floor coating

[Http://www.jeilchemical.com](http://www.jeilchemical.com)

## JA-153

### 1. Product use

- 1) Used for floor finishing required abrasion resistance, chemical resistance, surface gloss.
- 2) Used for floor finishing of plant, warehouse, underground parking lot, hospital, nuclear power plant, laboratory, office.

### 2. Features

- 1) Superior mechanical strength including abrasion resistance, compressive, impact, adhesion strength etc.
- 2) Superior chemical properties including chemical resistance, waterproofing, and solvent resistance.
- 3) Excellent gloss and elegant surface.
- 4) Excellent dustproofing.
- 5) Outstanding site adaptation with various versions such as spring and autumn type, winter type, summer type.

### 3. Others

- 1) Storage requirements
  - a. Store in room temperature (25°C ± 5°C)
  - b. Storage box should be sealed.
  - c. Prohibit exposure to moisture and direct light
  - d. Hardener : contact with air might make carbon acid film.
- 2) Shelf life
 

90 days from date of manufacture

### 3) Curing condition

- a. Mixing ratio : Resin : Hardener = 100 : 20 (wt%)
- b. Under the 5°C of work place temperature, the Curing time might be longer and occur bad chemical reaction.
- c. Curing at underground or damp place might occur haze appearance.

### 4. Properties (Temperature:25°C, Humidity:45%)

Items	Unit	Resin	Hardener
Color	-	Each color	Slight brown
Viscosity	Cps / 25°C	4,000~15,000	10~50
Specific gravity	-	1.65~1.75	0.93~1.03
Pot life	Min	30 min	
Drying time	Hr	4~5hr	
Curing time	Hr	12hr more than	
Tensile Strength	N/mm <sup>2</sup>	20 more than	
Flexural Strength	N/mm <sup>2</sup>	20 more than	
Compressive Strength	N/mm <sup>2</sup>	60 more than	
Tensile bond strength	N/mm <sup>2</sup>	10 more than	
Hardness	Shore D	70 more than	

※Viscosity difference might be occurred because of color and season.

**JA-153**

987-4, GO-YEON RI, UNG-CHON MYEON, ULJU-GUN, ULSAN, KOREA

JEF-QC-037

(주)제일화성

A4(210mm X 297mm)