

# Floor coating

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

## JP-1004S

### 1. Product use

- 1) Epoxy Primer used for steel plate deck construction of steel bridges
- 2) Used for anticorrosion and surface protection of steel plate

### 2. Features

- 1) Superior adhesive property.
- 2) Superior chemical properties including chemical resistance, waterproofing, and salt water resistance.

### 3. Others

- 1) Storage requirements
  - a. Store in room temperature ( $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ )
  - b. Storage box should be sealed.
  - c. Prohibit exposure to moisture and direct light
- 2) Shelf life
 

6 month from date of manufacture
- 3) Curing condition
  - a. Mixing ratio: Resin:Hardener=100:33.3 (wt%)
  - b. Under the  $5^{\circ}\text{C}$  of work place temperature, the Curing time might be longer and occur bad chemical reaction.

### 4. Properties (Temperature: $25^{\circ}\text{C}$ , Humidity:45%)

Item	Unit	Resin	Hardener
Color	—	Gray	Brown
Viscosity	Cps / $25^{\circ}\text{C}$	800~1,400	5~20
Specific gravity	—	1.45~1.55	0.90~1.00
Drying time	Hr	5±1	
Pot life	Min	40	
Curing time	Hr	24 More than	
Alkali resistance	5% $\text{H}_2\text{SO}_4$ X168HR	Pass	
Acid resistance	5%NaOH X168HR	Pass	


**JP-1004S**

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

JEF-QC-037

(주)제일화성

A4(210mm X 297mm)