

Grouting

Http://www.jeilchemical.com

JP-224

1. Product use

- 1) Used in concrete structure for adhesive in damage part. JP-224 is Grouting injection for safety.
- 2) JP-224 is solvent free room temperature curing grouting, it has high adhesive strength, penetrating depth and low viscosity.

2. Features

- 1) Two component type Epoxy Resin.
- 2) Room temperature curing type, also curing at low temperature.
- 3) It offers exceptional mechanical and chemical resistance strength after curing.

3. Others

- 1) Storage requirements
 - a. Store at 18~25°C and 65% humidity
 - b. Storage box should be sealed.
 - c. Prohibit exposure to moisture and direct light
 - d. Prohibit fire: it has risk of fire because of resin and solvent.

2) Shelf life

6 month from date of manufacture

3) Curing condition

- a. Mixing ratio :Resin : Hardener = 100 : 25 (wt%)
- b. Degradation of physical properties if not follow mixing ratio.

c. Pot time is decreasing if mixture quantity increasing.

d. temperature(25°C±5°C), humidity(60% RH)×24Hrs

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

| Item | Unit | Resin | Hardner |
|-----------------------------|-----------------------|-----------------|-----------|
| Color | - | Clear | Clear |
| Viscosity | Cps/25°C | 360 ~ 500 | 50 ~ 90 |
| Specific gravity | - | 1.12±0.05 | 1.00±0.05 |
| Pot life | min | 40(100g X 25°C) | |
| Tensile strength | N/mm ² | 30 More than | |
| Flexural strength | N/mm ² | 60 More than | |
| Compressive strength | N/mm ² | 60 More than | |
| Longitudinal shear strength | N/mm ² | 10 More than | |
| Impact value | Kg cm/cm ² | 1.0 More than | |



JP-224

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

JEF-QC-037

(주)제일화성

A4(210mm X 297mm)