

WATERBORNE EPOXY F.C PRIMER

SUPRO EPOXY PRIMER

1. OVERVIEW

SUPRO EPOXY PRIMER is a water soluble two-components epoxy primer/sealer with an excellent adhesion.

- a. Recommended Use A primer/sealer for only use on concrete floor.
- Others in areas where high anti dust property is required such as pharmaceutical, precision equipment and electronic factory and hospital concrete floor etc.

2. PHYSICAL PROPERTIES

- a. Finish and Color Gloss. Clear.

- b. Drying Time

	5°C/41°F	20°C/68°F	30°C/86°F
Set to touch	4hours	1.5hours	40minutes
Dry through	50hours	10hours	6hours
Fully cured	10days	6days	4days

- c. Solids by Volume Approx. 31%.
- d. Theoretical Coverage 7.8 m²/L in 40 microns dry film thickness on a smooth surface.
- e. Specific Gravity 1.0 – 1.1 (kg/L)

3. APPLICATION DETAILS

- a. Surface Preparation Do not apply coating unless concrete has cured at least 28 days at 20°C/68°F and below 80% R.H
- Moisture content of the concrete surface should be below 6%.
- Remove any oil and grease from surface to be coated.
- b. Application Conditions The surface temperature should be at least 3°C/37°F above dew point to prevent condensation. A good ventilation is positively necessary.
- Do not apply when the temperature is less than 10°C/50°F, and relative humidity is above 80%. When polymerized during conditions of low ambient temperature(10°C below) or high humidity(80%RH over), SUPRO EPOXY PRIMER can have a several problems (incomplete curing, crack, amine blush, poor gloss retention)
- c. Mixing Base(A): Curing Agent(B) = 11.5L : 4.5L (by volume)
- Mix thoroughly together prior to application in the proportion as delivered.

Mix only the amount which can be used within pot life.

d. Pot Life and Recoating Time

		5℃/41°F	20℃/68°F	30℃/86°F
Pot Life		20hours	6hours	4hours
Recoating Time	Min	60hours	15hours	10hours
	Max	—	—	—

- e. Thinning Water (Thinning ratio : Max.20% by volume)
- f. Method of Application Brush, Roller or Spray(air or airless) application.
- g. Recommended 40 microns at a time
- Dry Film Thickness
- h. Subsequent Coat WATERBORNE EPOXY F.C TOPCOAT SUPRO SUNIPOXY TOPCOAT
or according to specification.
- i. Shelf Life 12 months (Store in cool, dry, well-ventilated place.)
- j. Packing Unit 16 L [Base(A): Curing Agent(B) = 11.5 L: 4.5 L]

4. CAUTION

- a. During application, wear the protective mask, protective glasses, gloves and suitable protective equipment to avoid breathing vapors or spray mist.
- b. Please avoid contact with eyes and skin during application, in case of contact with skin and eyes or eating paint, get the first aids according to warning notation on the can label and then get the medical assistance by doctor immediately.
- c. Do not apply the paint in restricted areas. If you are obliged to apply in restricted areas, use the ventilation machine to blow out, all workers should wear a protective mask.
- d. Epoxy paint characteristic outdoor exposure may cause discoloration and Chalking.
- f. Over film thickness may cause poor adhesion,
- g. If you have any questions about products or you want to know safety information, you can get the technical datasheets and MSDS on our Internet Homepage(www.kccworld.co.kr) or ask the customer's service.