



UNIPOXY COATING is a two-component high glossy paint based epoxy/polyamide resin. It forms a hard and tough film with an excellent adhesion and resistance to water, alkalies, abrasion and impact.

Recommended use	A finishing coat for use on concrete or others in areas where high anti dust property is required such as pharmaceutical, precision equipment and electronic factory and hospital, etc.
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Physical Properties

Finish and Color	Gloss. Reddish Brown, Green Other colors are available on request.
Specific gravity	1.1 – 1.2 (Kg/L) according to color.
Solids by volume	Approx. 50%.
Spreading rate (Theoretical)	10 m ² /L in 50 microns dry film thickness on a smooth surface.
Flash point	20°C (Closed cup).

Application details

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.
Preceding coat	UNIPOXY LINING, UNIPOXY RESIN MORTAR or according to specification.
Method of application	Brush, Roller application.
Mixing	Base(PTA): Curing Agent(PTB) = 2 : 1 (by volume) Mix thoroughly together prior to application in the proportion as delivered. Mix only the amount which can be used within pot life.
Thinning	UNIPOXY THINNER (Thinning ratio : Max.10% by volume)
Application conditions	Do not apply when the temperature is less than 5°C and relative humidity is above 85%. The surface temperature should be at least 3°C(5°F) above dew point to prevent condensation.

Film thickness 50 microns at a time

Drying time		10°C/50°F	20°C/68°F	30°C/86°F	
	Set to touch	3hours	1hours	30minutes	
	Dry through	30hours	8hours	5hours	
	Fully cured	8days	5days	4days	
Pot life		10°C/50°F	20°C/68°F	30°C/86°F	
	Pot Life	7hours	4.5hours	3.5hours	
	Recoating Time	Min	30hours	8hours	5hours
		Max	-	-	-

Recoating interval	2coats are recommended
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Storage and package	
Shelf life	12 months
Storage	Store in cool, dry, well-ventilated place.
Packing Unit	16ℓ [Base(PTA): Curing Agent(PTB) = 10.7ℓ : 5.3ℓ]
Remarks	
Note	<p>a. Because the paint compounds can cause a health failure such as a headache, dizziness, a skin inflammation, do not inhale vapors, spray mist and fumes and do not take in the contents.</p> <p>b. During application, wear the protective mask, protective glasses, gloves and suitable protective equipment to avoid breathing vapors or spray mist</p> <p>c. 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</p> <p>d. 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</p> <p>e. Do not allow to use the paint as fuel.</p> <p>f. 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.</p>
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Revision	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

