SUNIPOXY PRIMER is a two part water soluble epoxy paint that is excellent in adhesion, permeability, water resistance, chemical resistance. It is eco-friendly and easy to work in an enclosed space.

Recommended use	As a primer/sealer for use on concrete, cement mortar or other substrate in areas when high anti-dust property is required such as electronic, chemical plant, precision equipment and hospital etc.

Physical Properties

Finish and Color	Gloss. Clear
Specific gravity	Approx. 1.0 ~ 1.1 for mixture of base and curing agent
Solids by volume	Approx. 28% (Determined by ISO 3233)
Spreading rate (Theoretical)	7 ㎡/L in 40㎛ dry film thickness on a smooth surface
Flash point	Non-flammable material

Application details

Surface preparation	Remove any oil grease, dirt and any other contaminants from the surface before painting by proper method such as grinding, fresh water washing, etc. * Concrete : Must be cured at least 28 days at 20 ℃/68 ℉ and below 80 % R.H., and surface must be grinding or abrasive blasted to remove laitance and other impurities. * Moisture content of the concrete surface must be below 6 %.
Method of application	Brush, Roller
Mixing	Base(Part A) : Curing Agent (Part B) = 11.5 : 4.5 (by volume) Mix about 4 ~ 5 minutes thoroughly together prior to application in the proportions with power agitator
Thinning	Water (Dilution Rate : Max. 20% by volume). Don't dilute components separately, only the mixture.
Application conditions	The surface should be competely cleaned and dried. Don't apply when relative humidity is above 85% and ambient temperature is below 10℃ (50 ℉). The surface temperatures should be at least 3℃ (37.4 ℉) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist water evaporation.
Film thickness	40㎛ dry. May be specified in another film thickness than indicated depending on purpose and area of use.
Drying time	<table><tr><td>Substrate Temperature</td><td>10°C/50°F</td><td>20°C/68°F</td><td>30°C/86°F</td></tr><tr><td>Set to touch</td><td>6 hours</td><td>2.5 hours</td><td>1 hour</td></tr><tr><td>Dry through</td><td>60 hours</td><td>11 hours</td><td>6 hours</td></tr><tr><td>Fully Cured</td><td>12 days</td><td>6 days</td><td>4 days</td></tr></table>
Subsequent Coat	SUNIPOXY COATING or according to specification

Pot life	Item	10°C/50°F	20°C/68°F	30°C/86°F
	Pot Life	20 hours	6 hours	4 hours
	Recoating Interval MIN.	60 hours	15 hours	10 hours

Storage and package

Shelf life	12 months
Storage	Store in cool, dry, well-ventilated place ※ Ambient Temperature : 5 ~ 35℃, Relative humidity : below 80%)
Packing Unit	16 Liter (PTA : PTB = 11.5 L : 4.5 L)

Remarks

Handling Precautions	1. Apply to non-diluted coatings on highly absorbent substrates. 2. Please be careful because it may cause discoloration and chalking due to the nature of epoxy paint when exposed to ourdoor. 3. Primer must be sufficiently penetrated into the substrate. When the overcoat is formed on the substrate surface, the adhesion failure may occur.
Note	1. SUNIPOXY PRIMER can be used with oil-based epoxy floor coating because of an excellent adhesion. 2. Please be careful not to freeze during storage or transportation. 3. Don't mix other paint. 4. Keep paint can tightly closed and with the injection port facing up. 5. Don't dispose of the remaining paint on river, soil or sewer. Dispose of waste through designated waste disposal company. 6. Please use it within the storage period, since it may deteriorate when it exceeds the storage period.
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Revision	

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