

NEW HARDENER PRIMER

Transparent



NEW HARDENER PRIMER is a special two-component synthetic resin paint, which is an primer showing excellent adhesion to the hardener formed with a solid substrate, tiles, and other ceramic materials. Upon new painting and repair painting, it strengthens adhesion with the high-strength concrete or hardener and improves adhesion with subsequent paint (epoxy, urethane).

Usage

Indoor dust-proof primer for concrete floor and hardener

Specification

Paint type	Modified epoxy / Polyamide (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	3 hours	1 hour	30 minutes
	Dry-through	20 hours	8 hours	6 hours
	Over-coat (Min.)	24 hours	8 hours	6 hours
	Over-coat (Max.)	1 month	15 days	8 days
	Pot life	12 hours	5 hours	2 hours
	Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site. The film that has passed the maximum follow-up coating time may have adhesion failure. Please apply after checking the proper surface treatment and adhesion.			
Thinner	No dilution	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 0.98 (Transparent)			
Theoretical Coverage	0.13 kg/m² (8 m³/ℓ)	Solid volume ratio	40±3 %	
Color	Transparent	Thickness of dried film	50 μm	
Mixing ratio	Base(A)/hardener(B)=3.5/1 (Weight ratio)	Gloss	Gloss	
Shelf life	12 months	Package unit	16L (Compounds)	
Flash point	24℃			

How to Use

Surface treatment	<ol style="list-style-type: none">1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.3. Blasting and grinding processes need to be done on the hardener surface.4. For high-strength concrete (260kg/㎥ or higher), blasting treatment should be carried out.
Coating Conditions	<ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less2. Moisture content in the concrete: 6% or less
Coating Method	<ol style="list-style-type: none">1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener. <p>Appropriate construction specifications</p> <p>▷ Primer : NEW HARDENER PRIMER (Transparent)</p> <p>▷ Top coat : Epoxy system, urethane system, PVDF paint</p>