

# NEW HARDENER PRIMER



**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

Hard surfaces

## 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	36 hours	18 hours	12 hours
	Over-coat (Min.)	36 hours	18 hours	12 hours
	Over-coat (Max.)	7 days	4 days	3 days
	Pot life	12 hours	8 hours	5 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	DR-100, DR-100L	Dilution ratio	▷Brush, roller coating: less than 10%	
Specific gravity	Approx. 1.39 (Green)		▷Airless, spray coating: less than 5%	
Theoretical Coverage	0.18 kg/m² (7.6 m²/ℓ)	Solid volume ratio	61±3 %	
Color	Green, gray, other ordered colors	Thickness of dried film	80 μm	
Mixing ratio	Base(A)/hardener(B)=4/1 (Weight ratio)	Gloss	Matte	
Shelf life	12 months	Package unit	16L (Compounds)	
Flash point	25℃			

## How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.</li><li>2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.</li><li>3. Blasting and grinding processes need to be done on the hardener surface.</li><li>4. For high-strength concrete (260kg/㎠ or higher), blasting treatment should be carried out.</li></ol>
Coating Conditions	<ol style="list-style-type: none"><li>1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Since hardener components vary, be sure to check the adhesion before construction by carrying out sample application.</li><li>2. Upon mixing, be sure to use after stirring for 3-4 minutes with an electric stirrer.</li><li>3. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.</li><li>4. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener.</li></ol> <p>Appropriate construction specifications</p> <p>▷ Primer : NEW HARDENER PRIMER</p> <p>▷ Top coat : Epoxy system, urethane system, PVDF paint</p>