NEW HARDENER TILE PRIMER



NEW HARDENER TILE 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, tiles, ceramic materials

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% ▷Airless, spray coating: less than 5%	
Specific gravity				
Theoretical Coverage	8㎡/ℓ	Solid volume ratio	61±3 %	
Colour	Clear	Thickness of dried film	80 ㎛	
Mixing ratio	Base/Hardener=3:1 (Vol) 3.5:1 (Weight)	Gloss	Matte	
Shelf life	12 months	Package unit	16L (Compounds)	
Flash point	25℃			

How to Use

Surface treatment	1. Cure concrete for at least 28 days at a temperature of 21℃ 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	1. Atmosphere Temperature: 5~35℃, Surface Temperature: 40℃ or below, Relative Humidity: 80% or less 2. Moisture content in the concrete: 6% or less
Coating Method	1. Since hardener components vary, be sure to check the adhesion before construction by carrying out sample application. 2. Upon mixing, be sure to use after stirring for 3-4 minutes with an electric stirrer. 3. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer. 4. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener. Appropriate construction specifications ▷Primer : NEW HARDENER PRIMER ▷Top coat : Epoxy system, urethane system, PVDF paint