

CLEANPOXY HC SEALER



Primer and top coat

HC SEALER is a two-component epoxy resin type, which contains modified epoxy resin with excellent adhesion and an inorganic component with excellent adhesion to inorganic substances. Thus, it has excellent penetration and excellent adhesion to parts such as high-strength concrete or hard floor, thereby enhancing the adhesion with the subsequent paint (epoxy, urethane) and being able to be used as a transparent top coat.

Usage

Primer of concrete (general & high-strength) and hardener base, clear top coating

Specification

Paint type	Modified epoxy / Polyamide (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	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.			
Thinner	DR-100L	Dilution ratio	Dilute within the volume ratio 10%	
Specific gravity	Approx. 0.97			
Theoretical Coverage	0.15 kg/m² (6.m²/ℓ)	Solid volume ratio	30±3 %	
Color	Transparent	Thickness of dried film	40µm	
Mixing ratio	Base(A)/hardener(B)=3.5/1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months	Packaging unit	16L,3L (Compounds)	
Flash point	25°C			

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. 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. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer. <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANPOXY HC SEALER</p> <p>▷ Top coat : Epoxy, Urethane, Organic/inorganic hybrid top coat, CLEANPOXY HC SEALER</p>