

# CLEANPOXY PRIMER HV

## Penetrated epoxy primer



This paint is a 2K clear epoxy paint made mainly of epoxy resin and polyamide resin. It is especially suitable for concrete because of its excellent permeability. In particular, it enhances the strength of the concrete mortar surface and improves adhesion between the substrate and the subsequent paint.

Usage	Primer for water-resistant, chemical-resistant concrete flooring
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### Specification

Paint type	Modified epoxy / Polyamide (2-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	3 hours	2 hours	40 minutes
	Dry-through	30 hours	15 hours	10 hours
	Over-coat (Min.)	32 hours	18 hours	12 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Pot life	16 hours	12 hours	8 hours
<small>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.</small>				
Thinner	Not Applicable	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 0.96 (Clear)			
Theoretical coverage	0.14 kg/m <sup>2</sup> (8.8m <sup>2</sup> /ℓ)	Solid volume ratio	44±3 %	
Color	Clear	Thickness of dried film	50 μm	
Mixing ratio	Base(A)/hardener(B)=2/1 (Volume ratio)	Gloss	Glossy	
Shelf life	12 months	Package unit	16L (Compounds)	
Flash point	16°C			

### 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. The substrate with severe absorption of primer due to poor concrete should be reinforced by additional coating to exhibit excellent adhesion.</li><li>4. For high-strength concrete (260kg/m<sup>2</sup> 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</li><li>2. Moisture content in the concrete: 6% or less</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.</li><li>2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener.</li></ol> <p>Appropriate construction specifications</p> <ul style="list-style-type: none"><li>▷ Primer : CLEANPOXY PRIMER HV</li><li>▷ Top coat : Epoxy system, urethane system</li></ul>