

# CLEANPOXY(W) PRIMER



## Water-based epoxy primer

This paint is a water-based epoxy paint made by using water-based epoxy resin. Unlike solvent-based epoxy coatings, it is an environmentally friendly paint with no harmful ingredients to humans. Therefore, it is the most suitable paint for the interior of buildings, basements, etc. as there is no solvent odor. This paint has excellent adhesion and water resistance. It is a transparent paint that further enhances the interlayer adhesion to the top coat through uniform penetration to the concrete mortar surface.

Usage

Primer for concrete surfaces of interior of buildings, basements, etc,

### Specification

Paint type	Modified epoxy / Modified amine (2-Component)			
Drying time	Category	10°C	20°C	30°C
	Set-to-touch	8 hours	4 hours	2 hours
	Dry-through	24 hours	18 hours	16 hours
	Over-coat(Min.)	32 hours	24 hours	18 hours
	Over-coat(Max.)	1 month	15 days	10 days
	Pot life	3 hours	1.5 hours	1 hour
<small>Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.</small>				
<small>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	Water	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 1.04 (Clear)		▷ Dilute within the volume ratio 3% (if necessary)	
Theoretical Coverage	7.0m <sup>2</sup> /ℓ -50μm	Solid volume ratio	35±3 %	
Colour	Clear	Thickness of dried film	40μm	
Mixing ratio	Base(A)/hardener(B)=1:1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months (after this time check for suitability)	Packaging unit	16L (Compounds)	

### 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></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, Moisture content in the concrete: 6% or less</li><li>2. At low temperature and high humidity, water evaporation on the coating surface during coating is very delayed, and normal properties cannot be exhibited even when it is dried.</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><li>3. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer.</li></ol> <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANPOXY(W) PRIMER</p> <p>▷ Top coat : CLEANPOXY(W) TOP COAT</p>