

# CLEANPOXY DNY-210

## Fast-drying type penetrated epoxy primer



This paint is a two-component transparent epoxy paint using epoxy resin and a special modified curing agent, which is an undercoat suitable for concrete. It is a fast-drying epoxy primer that reduces the painting work time by reducing the subsequent painting time due to its fast-drying ability.

Usage

Primer for concrete and mortar faces

### Specification

Paint type	Modified epoxy / Polyamide (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	1 hour	30 minutes	20 minutes
	Dry-through	15 hours	5 hours	3 hours
	Over-coat (Min.)	15 hours	5 hours	3 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Pot life	8 hours	6 hours	4 hours
<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	DR-100, DR-100L	Dilution ratio	▷ Brush, roller coating: less than 10%	
Specific gravity	Approx. 0.98 (Transparent)			
Theoretical Coverage	0.16 kg/m <sup>2</sup> (6 m <sup>2</sup> /ℓ)	Solid volume ratio	30±3 %	
Color	Transparent	Thickness of dried film	50 μm	
Mixing ratio	Base(A)/hardener(B)=3/1 (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/cm<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, Relative Humidity: 80% or less</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 : DNY-210 FAST DRYING TYPE PENETRATED EPOXY PRIMER</li><li>▷ Top coat : Epoxy system, urethane system</li></ul>