

# CLEANPOXY 3100



## Solvent-based epoxy top coat

**CLEANPOXY 3100 is a 2K solvent-type epoxy top coat that is excellent in dust proofness, abrasion resistance, chemical resistance, and adhesion to the basis material. It is also a widely used paint for interior finishing that requires dustproofing.**

Usage

Flooring material for concrete surfaces of various buildings requiring dust proofness

### Specification

Paint type	Modified epoxy / Polyamide (2-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
<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	DR-100, DR-100L	Dilution ratio	▷ Brush, roller coating: less than 5%	
Specific gravity	Apporx. 1.15 (Green)			
Theoretical Coverage	0.11 kg/m <sup>2</sup> (10.5m <sup>2</sup> /ℓ)	Solid volume ratio	42±3 %	
Color	Green, gray, other ordered colors	Thickness of dried film	40 μm	
Mixing ratio	Base(A)/Hardener(B)=2 /1 (Volume ratio) 3.05/1 (Weight)	Gloss	Glossy	
Shelf life	12 months	Packaging 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></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. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment.</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> <p>▷Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATED PRIMER DNY-200, NEW HARDENER PRIMER</p> <p>▷Intermediate coating : CLEANPOXY LINING DHDC-6200(Y)(if necessary)</p> <p>▷Top coat : CLEANPOXY 3100</p>