

CLEANPOXY DNY-200(E)



Epoxy flooring primer

This product is a two-component transparent epoxy primer made mainly of epoxy resin and modified amine resin. It is suitable as a floor undercoat, enhancing the strength of the concrete surface due to its excellent adhesion, permeability, water resistance and chemical resistance. In particular, this paint minimizes organic solvents and reduces VOC by organic solvents during indoor work.

Usage Epoxy primer for concrete surfaces

Specification

Paint type	Modified epoxy / Modified amine (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	5 hours	3 hours	2 hours
	Dry-through	36 hours	15 hours	10 hours
	Over-coat (Min.)	2 days	1 day	12 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Pot life	1 hour	30 minutes	20 minutes
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.				
Thinner	Not Applicable	Dilution ratio	▷No dilution ▷In case of high viscosity in the winter season, dilute within the volume ratio 1%	
Specific gravity	Approx. 1.10 (Transparent)			
Theoretical Coverage	0.11 kg/m ² (9.3m ² /ℓ)	Solid volume ratio	93±3 %	
Color	Transparent	Thickness of dried film	100 μm	
Mixing ratio	Base(A)/hardener(B)=4/1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months	Package unit	16L (Compounds)	

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. The substrate with severe absorption of primer due to poor concrete should be reinforced by additional coating to exhibit excellent adhesion. 4. For high-strength concrete (260kg/cm² 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 less 2. Moisture content in the concrete: 6% or less
Coating Method	<ol style="list-style-type: none"> 1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer. 2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener. 3. Add the hardener to the main agent and use after evenly mixing for 3-5 minutes with a power stirrer. <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANPOXY DNY-200(E)</p> <p>▷ Top coat : Epoxy system, urethane system</p>