

CLEANPOXY

DHDC-6400(S) Solvent Free Epoxy



This paint is a non-solvent-based epoxy paint based on the epoxy-modified amine resin, which can form a strong dry film. It is excellent in adhesion, appearance, durability and chemical resistance, and airless spraying is possible. In particular, since 500 μ m-thick coating is possible with one coat, and the smoothness of the film is good, it is a premium non-solvent-based epoxy lining paint that is suitable as a concrete floor paint.

Usage

Interior dust-proofing floor primer for concrete floors

Specification

Paint type	Modified epoxy / Modified amine (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	10 hours	5 hours	3 hours
	Dry-through	48 hours	24 hours	18 hours
	Over-coat (Min.)	72 hours	48 hours	24 hours
	Over-coat (Max.)	9 days	4 days	3 days
	Pot life	60 minutes	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	
Specific gravity	Approx. 1.50 (Grey, white)		▷ In case of high viscosity in the winter season, dilute within the volume ratio 1%	
Theoretical Coverage	Between 2~5L/m ²	Solid volume ratio	96±3 %	
Colour	Grey, white, other ordered colours	Thickness of dried film	0.25~1.0 mm	
Mixing ratio	Base(A)/Hardener(B)=2.83:1 (Volume ratio) 5:1 (Weight)	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">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.
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, Moisture content in the concrete: 6% or less2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment.3. Injection pressure : More than 3000 psi(210kgf/cm²)4. The use of a thinner more than the recommended amount causes a further delay in drying, decline in hardness, whitening, skid marks, etc.
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. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer.3. Apply uniformly with airless equipment. Appropriate construction specifications ▷ Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATING PRIMER DNY-200 ▷ Lining : CLEANPOXY DHDC-6400(S) ▷ Top coat : CLEANPOXY 3100, CLEANPOXY COATING, Urethane (if necessary)