

DHDC-7400P

Non-solvent-based epoxy primer, clear



This paint is a special amine curing type non-solvent-based epoxy transparent paint that is applied to concrete to achieve excellent protection performance. As it is very excellent in adhesion and permeability and superior in water resistance, chemical resistance, and solvent resistance, it is the most suitable paint for the undercoating of concrete storage tanks. In particular, as a non-solvent type paint, it is very easy to work in an enclosed space, and it has strong base permeability and interlayer adhesion compared to solvent-based paints.

Usage

Clear primer for concrete
Clear primer for heavy-duty concrete storage tanks

Specification

Paint type	Non-solvent-based epoxy / Clear primer (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	8 hours	5 hours	3 hours
	Dry-hard	28 hours	18 hours	12 hours
	Over-coat (Min.)	28 hours	18 hours	12 hours
	Over-coat (Max.)	10 days	7 days	5 days
	Pot life	90 minutes	60 minutes	30 minutes
Thinner	Not necessary (Cleaning thinner : DR-100)		Dilution ratio	Not applicable
Specific gravity	Approx. 1.1			
Theoretical Coverage	12.4 m²/l (1time - 80µm)		Solid volume ratio	Approx. 99±1%
Color	Light yellow clear		Thickness of dried film	80µm
Mixing ratio	Base(A)/Hardener(B)=2/1 (Volume ratio)		Flash point	Non-hazardous
Gloss	Glossy		Shelf life	12 months (Dry, cool, and dark place with good ventilation)

Product Properties (Physical Property Data)

Solvent free epoxy	A special amine curing type non-solvent-based epoxy transparent paint for concrete, which is a high-build eco-friendly paint
Excellent film property	Adhesion, water resistance, salt water resistance and chemical resistance are excellent.

How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Sufficiently dry the surface to be coated before coating.
Coating Method	1. Coating can be done by either brush, roller, air or airless spray coating. 2. Airless spray coating: - Tip diameter : 0.021"~0.025" - Injection pressure : More than 3000 P.S.I.(210kg/cm ²) - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	1. Follow-up coating : Non-solvent based epoxy top coat(DHDC-7500), Solvent type epoxy top coat are suitable.
Remarks	1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C. 2. As this is a two-component non-solvent-based product, it should be used within the pot life. Note that the pot life is especially shorter in the summer. 3. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight.