

# NEW-WATERPOXY DHDC-2600WP CLEAR

## Water-based epoxy primer, clear

This paint is a two-component clear epoxy paint made mainly of epoxy resin and polyamide resin. It is an primer paint suitable for concrete because of its excellent permeability. This product is excellent in permeability, water resistance, and chemical resistance compared to general epoxy clear undercoats. It is an eco-friendly paint with low VOC content, satisfying ASTM D 5144 and SNE 5144 specifications of protective coating technology criteria for nuclear power plants.

### Usage

Clear primer for concrete surfaces such as interior of building, basement, etc.

### Specification

Paint type	Water-based epoxy / Clear primer (Two-Component)			
Drying time	Category	10°C	20°C	30°C
	Set-to-touch	1 hour	30 minutes	15 minutes
	Dry-hard	24 hours	8 hours	6 hours
	Over-coat (Min.)	32 hours	12 hours	8 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Pot life	2 hours	1.5 hours	1 hour
Thinner	Tap water	Dilution ratio	▷ Brush, roller coating: less than 10% ▷ Airless, spray coating: less than 5%	
Specific gravity	Approx. 1.28			
Theoretical Coverage	7.5 m <sup>2</sup> /ℓ (1time - 40μm)	Solid volume ratio	Approx. 30±1%	
Color	Clear	Thickness of dried film	40μm	
Mixing ratio	Base(A)/Hardener(B)=2/1 (Weight ratio)	Flash point	Not applicable	
Gloss	Glossy	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

### Product Properties (Physical Property Data)

Water-based epoxy primer	A two-component water-based epoxy clear undercoat, which is an eco-friendly paint with excellent permeability to concrete surfaces.
Excellent film property	Adhesion, water resistance and abrasion resistance are superior.

### 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. 3. Check the adhesive powder before coating on the waterproofed concrete mortar surface since a problem of layer separation, etc. may occur.
Coating Method	1. Coating can be done by either brush, roller, air or airless spray coating. - For roller coating, oil roller is suitable.
Preceding & Follow-up Coating	1. Follow-up coating : NEW-WATERPOXY DHDC-2600WF
Remarks	1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C. 2. As this product has a short pot life, it should be used within the pot life (especially during the summer). 3. At low temperature and high humidity, water evaporation on the coating surface during coating is very delayed, and normal properties cannot be exhibited even when it is dried. (Coating is prohibited at a temperature of 5°C or below and humidity of 85% or higher) 4. If it is applied in an enclosed space, water evaporation is very delayed, thereby resulting in drying failure. Therefore, use appropriate methods to ensure that water evaporation can occur smoothly. 5. About 40μm is appropriate for one coat, and avoid forming thick coating when applying one coat (which causes sagging and drying failure). 6. Store the paint at 5°C or higher. 7. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight.