

# NEW-WATERPOXY DHDC-2600WF

## Water-based epoxy top coat

This paint is a water-based epoxy paint manufactured by using eco-friendly water-based epoxy resin. Unlike oil-based epoxy, it is suitable for painting the interior of buildings, basements, etc. because it does not contain any solvent components harmful to the human body. This paint has advantages of excellent adhesion, water resistance, and abrasion resistance as well as quick-drying ability, excellent mixing, water-dilutable properties and painting workability compared to ordinary water-based epoxies.

Usage

Water-based top coat for inside of buildings, basements, etc.

### Specification

Paint type	Water-based epoxy / top coat (2-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.)	10 days	7 days	5 days
	Maturation time	20 minutes	15 minutes	10 minutes
	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. 1.2			
Theoretical Coverage	10 m <sup>2</sup> /ℓ (1 time - 40μm)	Solid volume ratio	Approx. 40±1%	
Color	White, Clear sky blue, other colors	Thickness of dried film	40μm (New coating: 40μm X 2times recommended)	
Mixing ratio	Base(A)/Hardener(B)=1/1 (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	A two-component water-based epoxy undercoat for steel, which is an eco-friendly paint with excellent mixing and painting workability.
Excellent film property	Adhesion, abrasion resistance and impact 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. 3. For repair coating, remove factors (chalking, foreign matter and old film with poor adhesion) that interfere with the interlayer adhesion and increase the surface roughness by sandpapering, etc.
Coating Method	1. Coating can be done by either brush, roller, or airless spray coating. - For roller coating, oil roller is suitable.
Preceding & Follow-up Coating	1. Preceding coating: steel - NEW-WATERPOXY PRIMER DHDC-2600WP reddish brown concrete - NEW-WATERPOXY PRIMER DHDC-2600WP clear
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.