CLEANPOXY(W) TOP COAT



Water-based epoxy top coat

This paint is a water-based epoxy paint made by using water-based epoxy resin. Unlike solvent-based epoxy coatings, it is an environmentally friendly paint with no harmful ingredients to humans. Therefore, it is the most suitable paint for the interior of buildings, basements, etc. as there is no solvent odor. This paint has advantages of excellent abrasion resistance, durability, and adhesion as well as quick-drying ability and superior mixing and painting workability compared to ordinary water-based epoxy.

Usage	Interior top coat for concrete floors

Specification

Paint type	Modified epoxy / Modified amine (2-Component)

Drying time

Category	10℃	20℃	30℃
Set-to-touch	8 hours	4 hours	2 hours
Dry-through	24 hours	16 hours	12 hours
Over-coat(Min.)	32 hours	24 hours	18 hours
Over-coat(Max.)	1 month	15 days	10 days
Pot life	3 hours	1.5 hours	1 hour

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	Water	Dilution ratio	▷**No dilution** ▷**Dilute within the volume ratio 3% (if necessary)**
Specific gravity	Approx. 1.32 (White)		
Theoretical Coverage	10~13㎡/ℓ	Solid volume ratio	42±3 %
Colour	White, other colours	Thickness of dried film	35㎛
Mixing ratio	Base/Hardener=1.72:1 (weight) 1.17:1 (vol)	Gloss	Glossy
Shelf life	12 months (after this time check for suitability)	Packaging unit	16L (Compounds)

How to Use

Surface treatment	1. Cure concrete for at least 28 days at a temperature of 21℃ 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.
Coating Coonditions	1. Atmosphere Temperature: 5~35℃, Surface Temperature: 40℃ or below, Relative Humidity: 80% or less, Moisture content in the concrete: 6% or less 2. 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 Method	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 base and use after evenly mixing for 3-5 minutes with a power stirrer. Appropriate construction specifications ▷Primer : CLEANPOXY(W) PRIMER ▷Top coat : CLEANPOXY(W) TOP COAT