

CLEANPOXY LINING(LO)C PRIMER

Low odor type epoxy primer

This paint is an epoxy lining product that is made to reduce odors during construction by using low odor ingredients compared to existing ingredients contained in non-reactive thinners and additives used in conventional non-solvent-based epoxy paints. It is an primer paint suitable for concrete due to its excellent permeability. In particular, it enhances the strength of the concrete mortar surface and improves adhesion between the substrate and the subsequent paint.

Usage

Interior dust-proofing floor primer for concrete floors

Specification

Paint type	Modified epoxy / Modified amine (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	8 hours	4 hours	2 hours
	Dry-through	52 hours	24 hours	18 hours
	Over-coat (Min.)	52 hours	1 day	18 hours
	Over-coat (Max.)	9 days	7 days	3 days
	Pot life	90 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. 1.10 (Transparent)			
Theoretical Coverage	0.23 kg/m ² (4.7m ² /ℓ)	Solid volume ratio	94±2 %	
Color	Transparent	Thickness of dried film	200 μm	
Mixing ratio	Base(A)/hardener(B)=2.5/1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months	Packaging unit	16 kg [Base(11.43kg), Hardener(4.57 kg)]	

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.3. The substrate with severe absorption of primer due to poor concrete should be reinforced by additional coating to exhibit excellent adhesion.4. For high-strength concrete (260kg/cm² or higher), blasting treatment should be carried out.
Coating Conditions	<ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less2. Moisture content in the concrete: 6% or less
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. 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. <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANPOXY LINING(LO)C PRIMER</p> <p>▷ Intermediate/Top coat : CLEANPOXY LINING(LO)</p> <p>▷ Putty : CLEANPOXY (LO) PUTTY(if necessary)</p>