

CLEANPOXY LINING MASTER



CLEANPOXY LINING MASTER is a two-component, solvent-free epoxy coating formulated with solvent-free epoxy resin and modified amine curing agent. It provides excellent adhesion, durability, chemical resistance, and dust-proof performance. Compared to conventional solvent-free epoxy products, it offers enhanced workability and superior compressive strength.

Usage	Indoor dust-proof flooring for concrete floors
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Specification

Paint type	Modified Epoxy / Modified Amine (Two-component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	10 hours	5 hours	3 hours
	Dry-through	48 hours	24 hours	18 hours
	Over-coat (Min.)	72 hours	48 hours	24 hours
	Over-coat (Max.)	9 days	4 days	3 days
	Pot life	60 min	30 min	15 min
The pot life and over-coating intervals above were measured under laboratory conditions and may vary depending on actual site conditions.				
If the maximum over-coating interval is exceeded, adhesion failure may occur. Ensure proper surface preparation and verify adhesion before recoating.				
Thinner	No dilution	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 1.09		▷ In case of high viscosity in the winter season, dilute within the volume ratio 1%	
Theoretical Coverage	0.48m ² /L (based on 2.0 mm DFT)	Solid volume ratio	96 ± 3%	
Color	Tinted (mixed)	Thickness of dried film	2~3mm	
Mixing ratio	Base(A)/Hardener(B)=3.1/1(by weight)	Gloss	Glossy	
Shelf life	12 months	Packaging unit	16L (mixed)	

How to Use

Surface Treatment	<ol style="list-style-type: none"> Cure concrete for at least 28 days at 21°C and 50% relative humidity. Completely remove oil, moisture, sand, dust, laitance, and other contaminants and ensure surface smoothness.
Coating Conditions	<ol style="list-style-type: none"> Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less, pH: 7~9, Moisture content: 6% or less Due to the characteristics of epoxy lining coatings, slight color variations may appear over time, particularly when applied in light colors. Using thinner beyond the recommended amount may result in delayed drying, reduced hardness, whitening, skid marks, and other defects. When AGVs are used, coating application should be reviewed in advance considering the vehicle weight and wheel specifications.
Coating Method	<ol style="list-style-type: none"> Reinforce cracks, joints, and intersections between walls and floors with epoxy putty after applying the primer. Apply the coating smoothly using a sawtooth scraper, rubber scraper, rake, or trowel. Do not use thinner in order to ensure maximum performance of the product. Avoid applying a thin single coat below 1 mm, as defects such as cratering may occur. To prevent bubbling on the lining surface, ensure that the primer coat has no missed areas, and divide the lining application into two steps—an initial scraping layer followed by the main coating—for optimal results. Use a spike roller to remove any remaining air bubbles in the coating. <p>Appropriate construction specifications Primer : CLEANPOXY PRIMER CLEAR, NEW HARDENER PRIMER Lining : CLEANPOXY LINING MASTER (TINTED) Topcoat(if necessary) : DENSIL HYBRID SEALER</p>