

ECO URETHANE LINING

Low odor type urethane lining



This paint is a polyurethane paint using bio-oil such as rapeseed oil, castor oil, soybean oil, etc. It is a non-solvent type low odor urethane lining coat that is excellent in physical performance in terms of impact absorption and scratching resistance and has almost no odor.

Usage

Flooring material for sites that are sensitive to the smell of solvent such as parking lots, inside floors of large marts, schools, and public buildings

Specification

Paint type	Polyurethane resin (Two-Component)		
Drying time	Category	5℃	20℃
	Set-to-touch	12 hours	2.5 hours
	Dry-hard	24 hours	12 hours
	Over-coat (Min.)	24 hours	16 hours
	Over-coat (Max.)	72 hours	48 hours
	Pot life	25 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.			
Thinner	Not applicable	Dilution ratio	▷ No dilution
Specific gravity	1.25 (Based on gray color)		
Theoretical Coverage	3.8 kg/m ² - Based on 3mm	Solid volume ratio	99±1 % (Based on green color)
Color	Gray, green	Thickness of dried film	3 mm
Mixing ratio	Base(A)/hardener(B)=2/1 (Weight ratio)	Gloss	Glossy
Shelf life	6 months	Packaging unit	16L
Flash point	110 °C		

Product Properties (Physical Property Data)

Impact resistance	Not affected	Adhesion strength	More than 1.2 N/mm ²
Hardness	More than shore D 65		

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.
Coating Conditions	1. Atmosphere Temperature: 5~35℃, Surface Temperature: 40℃ or below, Relative Humidity: 80% or less 2. Moisture content in the concrete: 6% or less
Coating Method	1. Upon repair coating, be sure to apply subsequent coating after receiving confirmation from the technology institute. 2. Apply smoothly using sawtooth scraper, rubber scraper, pitchfork, square towel, etc. Construction specifications ▷ Primer : ECO URETHANE LINING PRIMER ▷ Top coat : ECO URETHANE LINING ※ Solvent-based epoxy primer and epoxy putty cause poor adhesion, thus it is prohibited to use them. ※ For undercoating, only the ECO URETHANE LINING PRIMER can be used.