

URETHANE PRIMER



For Children's Playground Use (Group Standard Compliant)

This paint is a moisture-curing one-component urethane primer that cures by reacting with moisture in the air. It is a dedicated primer especially used for elastic urethane coatings or shock-absorbing flooring for children's playgrounds, designed to reinforce the substrate and enhance adhesion with the mid-coat.

Recommended use Elastic urethane primer for children's playground on concrete and mortar surfaces

Specification

Paint type	One-component polyurethane resin			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	1.5 hours	30 minutes	15 minutes
	Dry-through	12 hours	4 hours	2 hours
	Over-coat (Min.)	18 hours	6 hours	3 hours
	Over-coat (Max.)	2 days	1.5 days	1 day
Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.				
Thinner	DR-790	Dilution ratio	▷Not Applicable	
Specific gravity	Approx. 1.01±0.02			
Theoretical coverage	0.15 kg/m ² (50μm)	Solid volume ratio	34±3 %	
Color	Clear	Thickness of dried film	50μm	
Mixing ratio	One-component	Package	16L	
Shelf life	12 months			

How to use

Surface treatment	Cure concrete at a temperature of 21°C and relative humidity of 50% for at least 28 days. Completely remove oil, moisture, sand, dust, laitance, and other foreign substances from the surface to maintain its flatness. In the case of high-strength concrete over than(260kg/cm ²), blasting treatment must be carried out.
Coating Conditions	Air temperature : 5~35°C , Surface temperature below 40°C, Relative humidity below 80% Moisture content of concrete below 6%
Coating Method	Apply smoothly on the undercoated surface using brush, roller, etc. The primer must sufficiently penetrate the substrate excessive film buildup on the surface may lead to poor adhesion Coverage may vary depending on substrate condition Proper application specifications Primer : Urethane primer Midcoat : UB-500 + chip (urethane, EPDM, waste tire)

NOROO 노루페인트