

ECO-CRETE PRIMER



This paint is a three-component non-solvent type flooring material for concrete that is composed of a base, a hardener and powder by using the binding between polyurethane resin and inorganic powder. It enhances the surface strength of the concrete mortar surface and enhances the adhesion between the substrate and the subsequent paint.

Usage	Concrete flooring primer for indoor factory floors, food factories, cold storage warehouses, etc.
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Specification

Paint type	Polyurethane resin / Powder (Three-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	12 hours	6 hours	3 hours
	Dry-through	24 hours	12 hours	8 hours
	Over-coat (Min.)	24 hours	16 hours	12 hours
	Over-coat (Max.)	72 hours	48 hours	36 hours
	Pot life	25 minutes	20 minutes	15 minutes
Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.				
Thinner	DR-700, DR-700L, DR-790	Dilution ratio	▷ No dilution ▷ In case of high viscosity in the winter season, dilute within the volume ratio 1%	
Specific gravity	1.5			
Theoretical Coverage	0.4 kg/m ²	Solid volume ratio	95±3 %	
Color	Ivory	Thickness of dried film	120 μm	
Mixing ratio	Base/Hardener/Powder =2.8/2.8/4.0(Weight ratio)	Gloss	Matte	
Shelf life	6 months	Packaging unit	9.6 kg	
Flash point	110°C		Base(2.8 kg), Hardener(2.8kg), Powder(4.0kg)	

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%. (PH 7~9) 2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness. 3. Please repair severe bumps or cracks with a paste of intermediate coating material.
Coating Conditions	<ol style="list-style-type: none"> 1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, 2. Moisture content in the concrete: 6% or less
Coating Method	<ol style="list-style-type: none"> 1. Apply smoothly using sawtooth scraper, rubber scraper, pitchfork, square towel, etc. 2. When painting vertical parts, paint the top coat before the base coat hardens to ensure adhesion with the subsequent coating. 3. If an excessive film is formed on the vertical part, the ECO-CRETE RG may flow down. <p>Appropriate construction specifications Primer: ECO-CRETE PRIMER Topcoat: ECO-CRETE 200 SL, ECO-CRETE RG</p>