

# 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.

## Specification

|                      |   |                         |  |            |
|----------------------|---|-------------------------|--|------------|
| Paint type           | Polyurethane resin / Powder (Three-Component)   |                         |  |            |
| Drying time          | Category  | 5℃                      | 20℃  | 30℃        |
|                      | 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<br>▷ In case of high viscosity in the winter season, dilute within the volume ratio 1% |            |
| Specific gravity     | 1.5   |                         |  |            |
| Theoretical Coverage | 0.4 kg/m²   | 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℃  |                         | Base(2.8 kg), Hardener(2.8kg), Powder(4.0kg)   |            |

## How to Use

|                    |   |
|--------------------|---|
| Surface treatment  | <ol style="list-style-type: none"><li>1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%. (PH 7~9)</li><li>2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.</li><li>3. Please repair severe bumps or cracks with a paste of intermediate coating material.</li></ol>  |
| Coating Conditions | <ol style="list-style-type: none"><li>1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below,</li><li>2. Moisture content in the concrete: 6% or less</li></ol>  |
| Coating Method     | <ol style="list-style-type: none"><li>1. Apply smoothly using sawtooth scraper, rubber scraper, pitchfork, square towel, etc.</li><li>2. When painting vertical parts, paint the top coat before the base coat hardens to ensure adhesion with the subsequent coat.</li><li>3. If an excessive film is formed on the vertical part, the ECO-CRETE RG may flow down.</li></ol> <p>Appropriate construction specifications</p> <p>Primer: ECO-CRETE PRIMER</p> <p>Topcoat: ECO-CRETE 200 SL, ECO-CRETE RG</p> |