ECO-CRETE 200 HD

(Plastering mortar)

This paint is a three-component 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 is a non-solvent type eco-friendly product with excellent physical performance in terms of abrasion resistance, chemical resistance and impact resistance as well as excellent boiling water resistance compared to other flooring materials. Applying a single coat, 6mm thick coating can be formed by plastering mortar which gives excellent anti slip physical property. In particular, it can be used for concrete floors in a state where the water content is temporarily high.

Usage	Concrete flooring material for indoor factory floors, etc. such as 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	20 minutes	15 minutes	10 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	2.0 (Based on green color)		
Theoretical Coverage	12 kg/㎡	Solid volume ratio	95±3 % (Based on green color)
Color	Green, gray, reddish brown, iron yellow	Thickness of dried film	6 ㎜
Mixing ratio	Base/Hardener/Powder =3.4/3.6/32(Weight ratio)	Gloss	Matte
Shelf life	6 months	Packaging unit	39 kg
Flash point	110℃		Base(3.4 kg), Hardener(3.6kg), Powder(32.0kg)

Product Properties (Physical Property Data)

Compressive strength	More than 40 N/㎜²	Adhesion strength	More than 1.5 N/㎜²
Bending strength	More than 15 N/㎜²	Hardness	More than shore D 60

How to Use

Surface treatment	1. Cure concrete for at least 28 days at a temperature of 21℃ 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	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. Apply smoothly using sawtooth scraper, rubber scraper, pitchfork, square towel, etc. 2. Remove air bubbles inside the coating by using a spike roller simultaneously with painting. Appropriate construction specifications ▷Primary coating: To prevent air bubbles, primary coating is done by applying a thickness of about 1㎜~2㎜. ▷Secondary coating: Apply uniformly with trowel by plastering mortar. (If necessary, make the surface flat with a roller right after application)

NOROO 노루페인트