

COLOR-ROAD TOP

DHDC-3700



This paint is an solvent-based 2K top coat based on polymer modified polymer. It dries fast, and the physical properties and weather resistance of the coating film are excellent. In particular, it is composed of a resin having excellent adhesion to asphalt and pigments having excellent alkali resistance, so that the initial color is maintained for a long period of time. As the product can be used on asphalt without bleeding, it can be applied to the graphics of black asphalt with various colors and is suitable as a colored top material for aged asphalt concrete.

Usage

Top coat for repair coating of asphalt concrete

Specification

Paint type	Polyurethane resin (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	20 minutes	10 minutes	5 minutes
	Dry-through	4 hours	3 hours	2 hours
	Over-coat (Min.)	8 hours	5 hours	3 hours
	Over-coat (Max.)	5 days	3 days	2 days
	Pot life	6 hours	4 hours	2 hours
<small>Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.</small>				
Thinner	Not applicable	Dilution ratio	▷ No dilution	
Specific gravity	1.27 (Based on reddish brown color)			
Theoretical Coverage	9.22 m ² /L	Solid volume ratio	46±3 % (Based on green color)	
Color	Reddish brown, other ordered colors	Thickness of dried film	50 μm	
Mixing ratio	Base(A)/Hardener(B)=5.5/1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months	Packaging unit	16 L (Compounds)	
Flash point	27 °C			

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%.2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.3. For high-strength concrete (260kg/m² or higher), blasting treatment should be carried out.
Coating Conditions	<ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less2. Moisture content in the concrete: 6% or less3. Upon coating on asphalt concrete, dilution with a thinner is strictly prohibited. (Bleeding occurs due to asphalt concrete melting)
Coating Method	<ol style="list-style-type: none">1. Apply smoothly to the surface of the substrate adjusted with a roller, etc.. <p>Appropriate construction specifications</p> <p>▷ Primer : Ascon</p> <p>▷ Top coat : COLOR-ROAD TOP DHDC-3700</p>