

NOROO WAY A-PT(MMA)

Anti-slip paint for road

NOROO WAY is an anti-slip paint that is composed of acrylic oligomer and MMA monomer and used by mixing silica and bauxite, which is superior in abrasion resistance. As the drying time is less than 1 hour regardless of the outside temperature, it is possible to minimize vehicle control, and excellent film properties (weather resistance, chemical resistance, durability), slip resistance, and visibility can be obtained.

Usage

Crossroads, sharp turns in roads, areas with frequent traffic accidents, bus stops

Specification

Paint type	Acrylic system / BPO (Two-Component)				
Use ratio of hardener and catalyst	Surface temperature(°C)	Hardener(g)	Surface temperature(°C)	Hardener(g)	Catalyst(g)
	30	100	-30	350	300
	20	200	-20		250
	10	250	-10		200
	5	300	-5		150
			0		100
	The amount of hardener above is different depending on the temperature. Please use the recommended amount of hardener to the base.				
Thinner	Not applicable		Dilution ratio	▷ No dilution	
Specific gravity	Approx. 1.78 (Reddish brown)				
Theoretical Coverage	3.56 kg/m² (Based on 2 mm)		Solid volume ratio	99±1 %	
Color	Reddish brown, other ordered colors		Thickness of dried film	2~2.2 mm	
Hardening time	Less than 1 hour		Gloss	Semi-gloss	
Shelf life	6 months		Packaging unit	20 kg (Hardener seperate)	
Amount of silica used	Colored silica (No. 3) base weight ratio 20%		Pot life(20°C)	12 minutes	

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/㎠ 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. For new asphalt substrate, oil and undried asphalt severely remain on the surface, thus it must be sufficiently dried for at least 3 months at 20°C.
Coating Method	<ol style="list-style-type: none">1. For asphalt, the intermediate/top coat product is directly applied without primer.2. The recommended amount of silica should be used for proper slip resistance.3. Create an embossed pattern by roller coating immediately after coating the surface smoothly with a sawtooth scraper.4. During application, the site needs to be ventilated to keep out the odor. (The higher the floor and ambient temperatures, the severer the odor) <p>Appropriate construction specifications</p> <p>▷ Primer : NOROO WAY C-100(MMA) PRIMER (use for concrete surface)</p> <p>▷ Intermediate/top coat : NOROO WAY A-PT(MMA)</p>