

# NOROO WAY B-PT(MMA)

## Paint for bicycle 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. The drying time is less than 1 hour, and excellent film properties (weather resistance, chemical resistance, durability), slip resistance, and visibility can be obtained.

Usage

Bicycle lanes, light foot traffic areas

### 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	150	-30	460
	20	240	-20	400
	10	300	-10	300
	5	350	-5	230
			0	460 160
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. 1.60 (Reddish brown)			
Theoretical Coverage	1.60 kg/m <sup>2</sup> (Based on 1mm)		Solid volume ratio	99±1 %
Color	Reddish brown, other ordered colors		Thickness of dried film	1~1.2 mm
Hardening time	Less than 1 hour		Gloss	Semi-gloss
Shelf life	6 months		Packaging unit	20 kg (Hardener separate)
Amount of silica used	Colored silica (No. 5) base weight ratio 20%		Pot life(20°C)	12 minutes

### 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%.</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. For high-strength concrete (260kg/cm<sup>2</sup> or higher), blasting treatment should be carried out.</li></ol>
Coating Conditions	<ol style="list-style-type: none"><li>1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less</li><li>2. Moisture content in the concrete: 6% or less</li><li>3. 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.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. For asphalt, the intermediate/top coat product is directly applied without primer.</li><li>2. The recommended amount of silica should be used for proper slip resistance.</li><li>3. Create an embossed pattern by roller coating immediately after coating the surface smoothly with a sawtooth scraper.</li><li>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)</li></ol> <p>Appropriate construction specifications</p> <p>▷ Primer : NOROO WAY C-100(MMA) PRIMER (use for concrete surface)</p> <p>▷ Intermediate/top coat : NOROO WAY B-PT(MMA)</p>