

# NOROOWAY CLEAR PRIMER

## MMA primer for concrete



NOROOWAY CLEAR PRIMER is an primer that is composed of acrylic oligomer and MMA monomer and is applicable to a concrete base. It has excellent film properties (adhesion, durability, chemical resistance) and is a super-high speed curing paint with a drying speed of 1 hour regardless of the outside temperature.

Usage

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### 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. 0.94		Solid volume ratio	99±1 %	
Theoretical Coverage	0.38 kg/m² (Based on 400 μm)		Thickness of dried film	400~600 μm	
Color	Transparent		Gloss	Semi-gloss	
Hardening time	Less than 1 hour		Packaging unit	15 kg (Hardener sepearate)	
Shelf life	6 months		Pot life(20°C)	10 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/㎥ 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. The dry film thickness of primer should be at least 0.4mm. If the dry film thickness is less than 0.4mm, insufficient drying may occur.</li><li>2. Excessive re-roller work after roller coating may prevent the wax on the upper surface from floating, thereby causing poor drying.</li><li>3. Never use a thinner. If a thinner is used, drying failure will occur.</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 : NOROOWAY CLEAR PRIMER</p> <p>▷Intermediate coat : NOROOWAY CLEAR SILICA</p> <p>▷Topcoat : NOROOWAY CLEAR TOP</p>