

NOROOWAY CLEAR SILICA



NOROOWAY CLEAR SILICA 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

NOROO WAY Intermediate coat

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. 0.95		Solid volume ratio	99±1 %	
Theoretical Coverage	Paint : 1.1 kg/m², Silica sand : 2.2 kg/m²		Thickness of dried film	2000 μm	
Color	Transparent		Gloss	Semi-gloss	
Hardening time	Less than 1 hour		Packaging unit	15 kg (Hardener separete)	
Shelf life	6 months		Pot life(20°C)	10 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/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 less 2. Moisture content in the concrete: 6% or less 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.
Coating Method	<ol style="list-style-type: none"> 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. 2. Excessive re-roller work after roller coating may prevent the wax on the upper surface from floating, thereby causing poor drying. 3. Never use a thinner. If a thinner is used, drying failure will occur. 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 : NOROOWAY CLEAR PRIMER</p> <p>▷Intermediate coat : NOROOWAY CLEAR SILICA</p> <p>▷Topcoat : NOROOWAY CLEAR TOP</p>