

# NR MVB(MOISTURE VAPOR BARRIER) FAST

## PRIMER

This product is a two component transparent epoxy primer made mainly of epoxy resin and modified amine resin. It is suitable as a floor undercoat, its excellent adhesion, permeability, water resistance and chemical resistance.

Usage

Epoxy primer for concrete surfaces

### Specification

Paint type	Modified epoxy / Modified amine (2-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	6 hours	2 hours	1 hour
	Dry-through	12 hours	3 hours	2 hours
	Over-coat (Max.)	1 day	6 hours	4 days
	Pot life	25 minutes	10 minutes	5 minutes
Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.				
The film that has passed the maximum follow-up coating time may have adhesion failure. Please apply after checking the proper surface treatment and adhesion.				
Thinner	Not Applicable		Dilution ratio	▷ No dilution ▷ In case of high viscosity in the winter season, dilute within the volume ratio 1%
Specific gravity	Approx. 1.1			
Theoretical Coverage	0.11 kg/m <sup>2</sup> (9.8m <sup>2</sup> /ℓ)		Solid volume ratio	100%
Color	Transparent		Thickness of dried film	400~500 μm
Mixing ratio	base(A)/hardener(B)=2/1 (volume) base(A)/hardener(B)=100/45 (weight)		Gloss	Glossy
Shelf life	12 months		Package unit	Part A 1gallon, Part B 1gallon

### 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. The substrate with severe absorption of primer due to poor concrete should be reinforced by additional coating to exhibit excellent adhesion.</li><li>4. 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></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.</li><li>2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener.</li><li>3. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer.</li></ol> <p>Appropriate construction specifications</p> <p>▷ Top coat : Epoxy system, urethane system</p>

**NOROO** 노루페인트