

# 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°C	20°C	30°C
	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/m<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> </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>