

# NR MVB



## PRIMER

This product is 2K transparent epoxy primer made mainly of epoxy resin and modified amine resin. It is recommended to use as primer on the floor with its excellent adhesion, permeability, water resistance and chemical resistance. NR MVB meets the performance requirements of ASTM F3010-13 Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings.

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	8 hours	4 hour	3 hour
	Dry-through	24 hours	6 hours	4 hours
	Over-coat (Max.)	2 days	1 day	1 day
	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	98±2 %	
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	base 8.6 kg hardener 3.94 kg	

### 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>▷ Primer : : NR MVB ▷ Top coat : Epoxy system, urethane system</p>