



ROCKHARD MVB

ROCKHARD MVB is a self-leveling, non-solvent clear resin epoxy coating with superior properties for hardness, adhesion, durability, chemical resistance, and dust proofing. ROCKHARD MVB is a two component, 100% solid epoxy coating that has excellent performance and smoothness for producing a seamless finish after application. ROCKHARD MVB is most effective for interior design applications and meets LEED standards. The coating will control moisture vapor emission rates over 10-12 lb. /24 hr./1000 square feet.

USAGE:
ROCKHARD MVB epoxy coating material is designed for concrete surfaces, including flooring, as well as other hard surface types.

MATERIAL TYPE:
A two component resinous epoxy coating material.

SPECIFICATION

Category		5°C	20°C	30°C
Drying time	Set-to-touch	8 hours	4 hours	3 hours
	Dry-through	24 hours	6 hours	4 hours
	Over-coat(Min.)	32 hours	8 hours	6 hours
	Over-coat(Max.)	2 day	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 ² (9.8m ² /ℓ)	Solid volume ratio	98±2 %	
Color	Clear	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	11.34L (2A+1B)	

HOW TO USE

SURFACE TREATMENT:

Concrete surfaces must be cured for at least 28 days at a temperature of 21°C/70°F Celsius or higher with a relative humidity of 50%. For maximum performance, concrete surfaces that have any existing oil, moisture, sand, dust, laitance, and other foreign matter must be removed from the surface before starting the application.

COATING CONDITIONS:

Atmosphere Temperature: 5-35°C/41-95°F, Surface Temperature: 40°C/104°F Celsius or below, Relative Humidity: 80% or less, Moisture Content in Concrete: 6% or less. Due to the nature of the epoxy material, a difference in color tint may be shown over time if the existing surface is a brighter color. The degree of occurrence for yellowing varies depending on the long-term exposure to sunlight or the usage of extreme indoor lighting fixtures, etc. Applying this material at thinner coverage levels than the recommended amount may cause a further delay in the epoxy drying time, decline hardness abilities, or cause skid marks, whitening streaks, etc.

COATING METHOD:

Reinforce surface cracks, crevices, and joints between walls and floors with an epoxy joint filler product or putty before the first coat. Apply with an industrial-grade floor trowel squeegee. Care should be taken since problems such as cratering may occur upon applying coating too thin. (2mm or less - 1 time)

APPROPRIATE CONSTRUCTION SPECIFICATIONS:

Primer: ROCKHARD MVB clear epoxy primer
Top Coat: ROCKHARD MVB epoxy cover coat, urethane system

DISCLAIMER: Included in this Epoxy Kit are 2 Part A's and 1 Part B. Please carefully follow the instructions that apply to your specific application needs.

MIX BY VOLUME: If using entire kit or Mixing by Volume (Parts), Mix 2 Part A's to 1 Part B

MIX BY WEIGHT: If Kit is broken down for small-scale projects, use scale for calculating accurate Mix by Weight ratio of 2 Part A's & 1 Part B.

