



ROCKHARD USA

ROCKHARD USA is a self-leveling, non-solvent clear resin epoxy coating with superior properties for hardness, adhesion, durability, chemical resistance, and dust proofing. ROCKHARD USA is a two component, 100% solid epoxy coating that has excellent performance and smoothness for producing a seamless finish after application. ROCKHARD USA 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.

Please Read: Keep in mind that mixing mass volumes of A + B generates heat reaction and results in a shorter pot life. So, we recommend you follow steps 1 - 2 when pouring this (14 gallon) product in large portions.

1. Stir Part A and Part B separately before mixing them together.
2. Quickly pour it on desired surface as soon as PART A + PART B are mixed as product has short pot life.

USAGE:
ROCKHARD USA epoxy coating material is designed for concrete surfaces, including countertops, flooring, bars, and tabletops as well as other hard surface types.

SPECIFICATION

MATERIAL TYPE:

A two component resinous epoxy coating material.

Paint type	Modified epoxy / Modified amine (2-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	10 hours	5 hours	3 hours
	Dry-through	36 hours	16 hours	10 hours
	Pot life	40 minutes	20 minutes	10 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. 1.09			
Theoretical Coverage	3.4 kg/m ² (Based on 3.0 mm)	Solid volume ratio	96±1 %	
Color	Clear (Compounds)	Thickness of dried film	2~3 mm	
Mixing ratio	Base(A)/hardener(B)=3/1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months	Packaging unit	Available as customized	

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 USA clear epoxy primer
Top Coat: ROCKHARD USA epoxy cover coat

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 KIT: If using entire kit, mix 2 Buckets A to 1 Bucket B.

MIX BY WEIGHT: If Kit is broken down into 1 gallon mix or less, mix 3 Parts A to 1 Part B.

