



ROCKHARD EPIC 100

Usage	Epoxy floor coating on concrete surface
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Specification

Paint type	Modified epoxy / Modified amine (2-Component)			
Drying time	Category	5°C (Celsius)	20°C (Celsius)	30°C (Celsius)
	Set-to-touch	24 hours	10 hours	5 hours
	Dry-through	72 hours	24 hours	18 hours
	Over-coat(Min.)	72 hours	24 hours	18 hours
	Over-coat(Max.)	9 days	4 days	3 days
	Pot life	60 minutes	40 minutes	20 minutes
The above drying times and over-coat times were measured under laboratory conditions and may vary depending on the construction site.				
Apply after doing proper surface treatment and checking adhesion to avoid poor adhesion in the case of having passed the maximum over-coat time.				
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 (transparent)			
Theoretical Coverage	2.2 kg/m ² (based on 2.0 mm)	Solid volume ratio	100%	
Color	Clear (mixture)	Thickness of dried film	1~2 mm	
Mixing ratio	Part(A)/Part(B)=4/1 (by weight)	Gloss	Glossy	
Shelf life	12 month	Package unit	11.50Kg (PART A+ PART B)	

How to Use

Surface treatment	1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%. 2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.
Coating Conditions	1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, 2. Relative Humidity: 80% or less, Moisture content in the concrete: 6% or less 3. Due to the nature of solvent-free transparent epoxy, it will turn yellow as time goes by. 4. Yellowing degrees will be seen more intense if coated surface color is light. 5. Color differences may occur depending on the thickness of the clear paint. 6. Use RockHard USA for better UV resistance. 7. Yellowing degrees vary depending on the type and duration of use of indoor lighting, etc. 8. Drying delay, hardness reduction, whitening, and skid marks will occur more if using more than the recommended amount of thinner.
Coating Method	1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer. 2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener. 3. It is required to paint more than 1mm to avoid cratering issue. Recommended system 1st : Epoxy primer 2nd: RockHard EPIC 100 3rd: Urethane or Polyaspartic (if necessary)

