971EPS

HIGH SOLIDS EPOXY SILOXANE



SIMIRON 971EPS is a unique high-performance, two-component, high solids, low VOC epoxy siloxane floor coating that provides superior resistance against abrasion, chemicals, corrosion, and UV exposure.

971EPS provides the benefits of high-performance epoxy and polyurethane in one coating and is free from isocyanates.

FEATURES & BENEFITS:

- Excellent abrasion and chemical resistance
- Excellent gloss and color retention from long term UV exposure
- Excellent UV Stability
- Weather-resistant
- Excellent acid and corrosion resistance
- High solids, low VOC
- Isocyanate free
- CDPH Std Method v1.2 compliant (LEED credits available)

RECOMMENDED USES:

- Restaurants & Bars
- Showroom Floors
- Residential Homes
- Schools & Universities
- Retail Shops
- Cafeterias
- Lobby/Waiting Areas
- Chemical Storage



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PRODUCT INFORMATION

PRODUCT NAME	SIZE	COLOR/FINISH	ITEM NUMBER
971EPS	1-Gallon kit	Clear / Gloss	40002626
971EPS	1-Gallon Kit	Clear / Satin	40002688

TECHNICAL DATA

PHYSICAL DATA	
Components	2 (Base, Activator)
Color	Clear
Finish	Gloss, Satin
Pot Life	25 minutes (@73°F, 45% RH)*
Solids by Volume	81%
Solids by Weight	83%
Recommended Film Thickness	2 - 5 mils
VOC (EPA Method 24)	<100 g/L

**Higher temperatures and humidity will shorten pot-life and working time.*

THEORETICAL COVERAGE		
Wet Mils (microns)	3 (76) – min.	5(127) – max.
Coverage sq. ft./gal. (m^2/L)	321(29.8) – min.	535(49.7) – max.

CURE TIMES 72°F (25°C) 50% RH	
Tack Free	3 - 5 hours
Light Foot Traffic	12 - 16 hours
Full Cure	5 days

PHYSICAL PERFORMANCE PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Adhesion	ASTM D4541	>400 psi, Concrete failure; no delamination
Abrasion Resistance	ASTM D4060 CS17 Wheel, 1000 cycles, 1Kg load	40 mg loss
Hardness, Shore D (24 hours)	ASTM D2240	70
Gloss at 60° Angle	ASTM D523	90
UV Resistance (gloss after 1000 hours in QUV)	ASTM G154	>85





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SCAN FOR MORE INFO