

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

RECOMMENDED USES:

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



971EPS

— HIGH SOLIDS EPOXY SILOXANE —



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



3000 Research Drive
Rochester Hills, MI 48309-3580
866.515.8775 SIMIRON.COM



SCAN FOR MORE INFO