The ULTIMATE SHIELD FOR ANY SURFACE

made to OUTLAST THE ELEMENTS

SOMETHING for every SURFACE

we MAKE COATINGS for EVERYTHING

INNOVATION through PROTECTION

PROFESSIONAL results EVERYTIME

• hard surface • SCIENCE

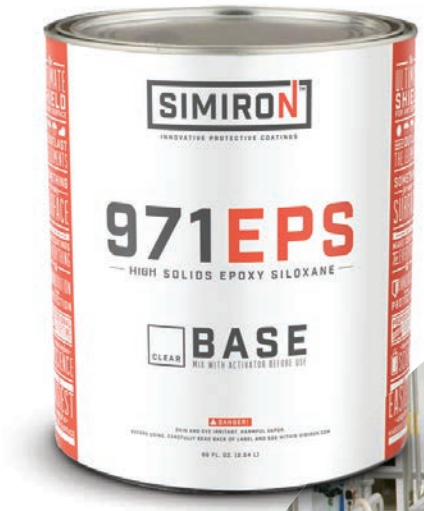
The EASIEST • way to a • HARDER SURFACE

SIMIRON™

INNOVATIVE PROTECTIVE COATINGS

971EPS

HIGH SOLIDS EPOXY SILOXANE

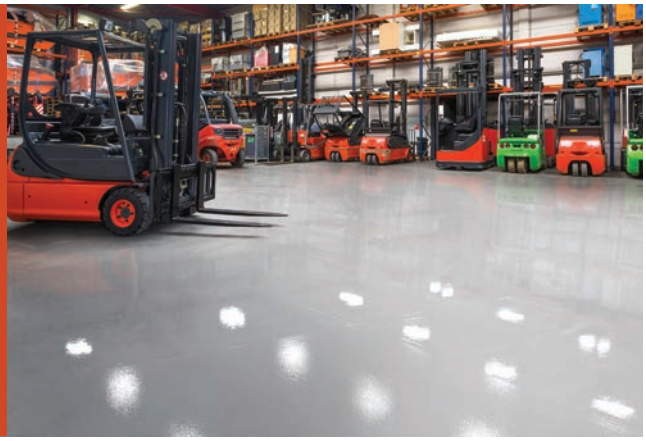


FEATURES & BENEFITS:

- Excellent abrasion and chemical resistance
- Excellent gloss and color retention from long term UV exposure
- Excellent acid and corrosion resistance
- Excellent UV Stability
- Weather Resistant
- High Solids, Low VOC
- Isocyanate free
- Available in Gloss & Satin

INDUSTRIAL FLOOR COATING

EPOXY SILOXANE



971EPS 100% 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, UV exposure and weathering.

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

TECHNICAL

PERFORMANCE		
Abrasion Resistance	ASTM D4060	40 mg loss
	CS17 wheel, 1000 cycles	1 Kg load
Adhesion	ASTM D4541	elcometer 2700 psi
	Concrete failure; no delamination	
Hardness, Shore D	ASTM 2240	70
Gloss Retention	QUV 2000 hrs	> 85%

CHEMICAL RESISTANCE

CHEMICAL	RESULTS
10% Acetic Acid	E
10% Ammonium Hydroxide	E
20% Ammonium Nitrate	E
10% Citric Acid	E
10% Hydrochloric Acid	E
30% Hydrochloric Acid	G
10% Nitric Acid	G
20% Sodium Chloride	E
10% Sodium Hydroxide	E
50% Sodium Hydroxide	E
10% Sulfuric Acid	E
70% Sulfuric Acid	G
10% Trisodium Phosphate	E
Acetone	E
Bleach	E
Brake Fluid	E
Calcium Chloride	E
Ethylene Glycol	E
Gasoline	E
Isopropyl Alcohol	E
Jet Fuel (JP-4)	E
Methanol	E
Methyl Ethyl Ketone (MEK)	E
Methylene Chloride	F

CHEMICAL	RESULTS
Motor Oil (SAE30)	E
Oleic Acid	E
Skydrol 500B	E
Skydrol LD4	F
Water	E

LEGEND
E = Excellent
F = Fair
G = Good
NR = Not Recommended

TECHNICAL

PHYSICAL DATA	
Finish	Gloss / Satin
Color	Clear
Mix Ratio	2 Parts Base; 1 Part Activator
Solids by Volume	81%
Solids by Weight	83%
Recommended Film Thickness	3 — 5 Mils

THEORETICAL COVERAGE	FT²/GALLON	M²/LITER
2 mils (50.8 microns)	801	74.4
3 mils (76.2 microns)	535	49.7
VOC (EPA Method 24)	< 100 g/L	

FLASH POINT	°F	°C
Base	219	104
Activator	232	111
Shelf Life	24 months when stored indoors at 55°F to 95°F (13°C to 35°C) for Base and Activator	

APPLICATION

APPLICATION TEMPERATURE CONDITIONS		
Air	55°—95°F	13°—35°C
Surface	55°—95°F	13°—35°C
Material	55°—95°F	13°—35°C

Drying Schedule @ 10.0 mils wet (250 microns)

	@ 55°F/13°C	@ 72°F/22°C	@ 95°F/35°C
To Touch:	16—24 Hours	8—12 Hours	4—8 Hours
To Recoat (Minimum):	24 Hours	18 Hours	16 Hours
To Recoat (Maximum):*	72 Hours	72 Hours	48 Hours
Foot Traffic:	36 Hours	24 Hours	18 Hours
Heavy Traffic:	96 Hours	72 Hours	60 Hours
Full Cure:	7 Days	7 Days	7 Days
Pot Life:	55 minutes	45 minutes	20 minutes

*Recoating after maximum recoat hours requires surface abrasion to ensure proper adhesion

FINISHES

SIMIRON™
32700 Industrial Drive,
Madison Heights, MI 48071
866.515.8775 SIMIRON.COM

SEAMLESS PROTECTION

typical uses:

RESTAURANTS & BARS
SPORTS ARENAS
SHOWROOM FLOORS
RESIDENTIAL HOMES
AUTOMOTIVE SERVICE AREAS
HAIR STUDIOS
GARAGES
AIRCRAFT HANGARS
SCHOOLS & UNIVERSITIES

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