

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

SIMTHANEWB

WATERBASED POLYURETHANE



FEATURES & BENEFITS:

- + Self-Crosslinking Technology
- + Easy To Apply
- + UV Resistant
- + Fast Drying
- + Excellent Abrasion and Chemical Resistance
- + Easy-to-Clean
- + Low VOC
- + Very Low Odor
- + LEED COMPLIANT

INDUSTRIAL FLOOR COATING

POLYURETHANE

SIMTHANE^{WB} WATERBASED POLYURETHANE

SIMTHANE WB is a protective, self-crosslinking, single-component clear water based polyurethane floor coating. **SIMTHANE WB** provides exceptional adhesion, durability, chemical and stain protection along with excellent UV protection.

SIMTHANE WB offers outstanding protective benefits as a topcoat over solid epoxy, partial and full chip broadcasts and metallic floor coatings.

SIMTHANE WB comes in three different sheen levels, providing versatility to customers' demands.



TECHNICAL

PERFORMANCE

Tensile	ASTM D882	6200 psi
Elongation	ASTM D882	350%
Cold Crack	ISO 17233	< -30°C
Softening Point	N/A	210°C
Pencil Hardness	ASTM D3363	2B
Sward Hardness	ASTM D2132	32
UV Resistance	ASTM D4587	1,000 hrs no damage
Impact Resistance	ASTM D2794	No damage @ 160psi
Tabor Abrasion	ASTM D4060	11mg loss
	CS-10 wheel, 1000 cycles	1 Kg load
Mandrel Bend	ASTM D522	Pass; No cracking

TECHNICAL

PHYSICAL DATA

Finish	Gloss, Semi-Gloss, Satin	
Color	Clear	
Solids by Volume	35% ± 2%	
Solids by Weight	34% ± 2%	
pH	8.0 — 10.0	
VOC [EPA Method 24]	< 100 g/L (0.83 lbs./gal)	
WPG	8.51	
Shelf Life	12 months	

THEORETICAL COVERAGE FT²/GALLON M²/LITER

3 mils (76.2 microns)	534	13.1
5 mils (127 microns)	320	7.9

CHEMICAL RESISTANCE

CHEMICAL ASTM D1308

Water	No Damage
10% Acetic Acid	No Damage
Ammonia	No Damage
Methyl Ethyl Ketone	No Damage
2-Propanol	No Damage
Toluene	No Damage
Gasoline	No Damage

*Resistant to "hot tire" pick-up — May exhibit "tire tracking"

APPLICATION

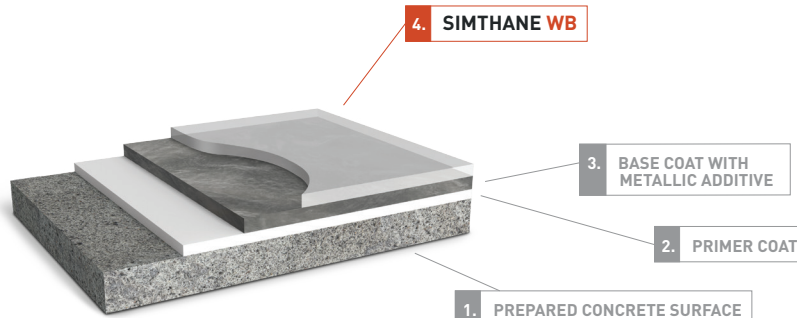
@ 55°F/13°C @ 72°F/22°C @ 95°F/35°C

To Touch:	45—60 Min	30—45 Min	15—30 Min
To Recoat (Minimum):	6 Hours	4 Hours	2 Hours
To Recoat (Maximum):*	36 Hours	24 Hours	18 Hours
Foot Traffic:	6 Hours	4 Hours	3 Hours
Heavy Traffic:	72 Hours	48 Hours	36 Hours
Full Circle:	5 Days	5 Days	4 Days

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

PRODUCT LAYERS

METALLIC FLOOR SYSTEM EXAMPLE



*Refer to PDS within SIMIRON.COM for up to date information and compatibility with all SIMIRON products.



32700 Industrial Drive,
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866.515.8775 SIMIRON.COM

typical uses:



RESTAURANTS & BARS
SPORTS ARENAS
SHOWROOM FLOORS

RESIDENTIAL HOMES
SCHOOLS & UNIVERSITIES
HAIR STUDIOS