

HIGH-WEAR URETHANE

— ABRASION RESISTANT TOPCOAT —

SIMIRON SIMTHANE **HWU** is a unique high performance, three-component, high solids, low VOC urethane floor coating that provides superior resistance against abrasion, chemicals, corrosion, and UV exposure while imparting flexibility. Simiron High-Wear Urethane is a neutral topcoat that has a satin finish with a light, consistent texture.



FEATURES & BENEFITS:

- Excellent Abrasion Resistance
- UV Stable
- Excellent Chemical Resistance
- Flexibility
- Satin Finish
- High Solids, Low Odor

RECOMMENDED USES:

- Topcoat for epoxy systems
- Industrial & commercial warehouses
- Manufacturing facilities
- Automotive service areas
- High traffic applications
- Hangars
- Shop floors
- Garages



HIGH-WEAR URETHANE

ABRASION RESISTANT TOPCOAT



PRODUCT INFORMATION

PRODUCT NAME	SIZE	COLOR/FINISH	ITEM NUMBER
High-Wear Urethane	1-Gallon kit	Satin	40005030

TECHNICAL DATA

PHYSICAL DATA	
Components	3
Color	Neutral
Finish	Satin
Mix Ratio	1.08 lbs. Part A + 6.45 lbs. Part B + 3.0 lbs. Part C
Mixed Viscosity	750 cP
Recommended Film Thickness	2 - 3 mils
Solids by Volume	92%
Solids by Weight	96%
VOC (EPA Method 24)	95 g/L

THEORETICAL COVERAGE

Wet Mil (microns)	2 - 3 (51 - 76)
Coverage sq. ft./gal. (m ² /L)	535 - 802 (13 - 20)

CURE TIMES

Drying Schedule @ 2 - 3 mils	72°F (22°C) 35% RH
Tack Free	5 hours
Light Foot Traffic	20 hours
Heavy Traffic	48 hours
Full Cure	5 days

PHYSICAL PERFORMANCE PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Abrasion Resistance (CS-17 Wheel, 1000 g load, 1000 Cycles)	ASTM D4060	12 mg loss
Adhesion	ASTM D4541	300 psi Concrete failure, No delamination
Coefficient of Friction	ANSI/NFSI B101.1	.60
Flexibility, 1/8" Mandrel	ASTM D522	Passes, No cracks
Hardness, Pencil	ASTM D3363	4H
Impact Resistance, Gardner	ASTM D5420	160 in. lb.
Tensile Strength	ASTM D2370	7,200 psi
Gloss @ 60° Angle	ASTM D523	60 - 70
UV Resistance (gloss after 1000 hours in QUV)	ASTM G154	Excellent



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



SCAN FOR MORE INFO