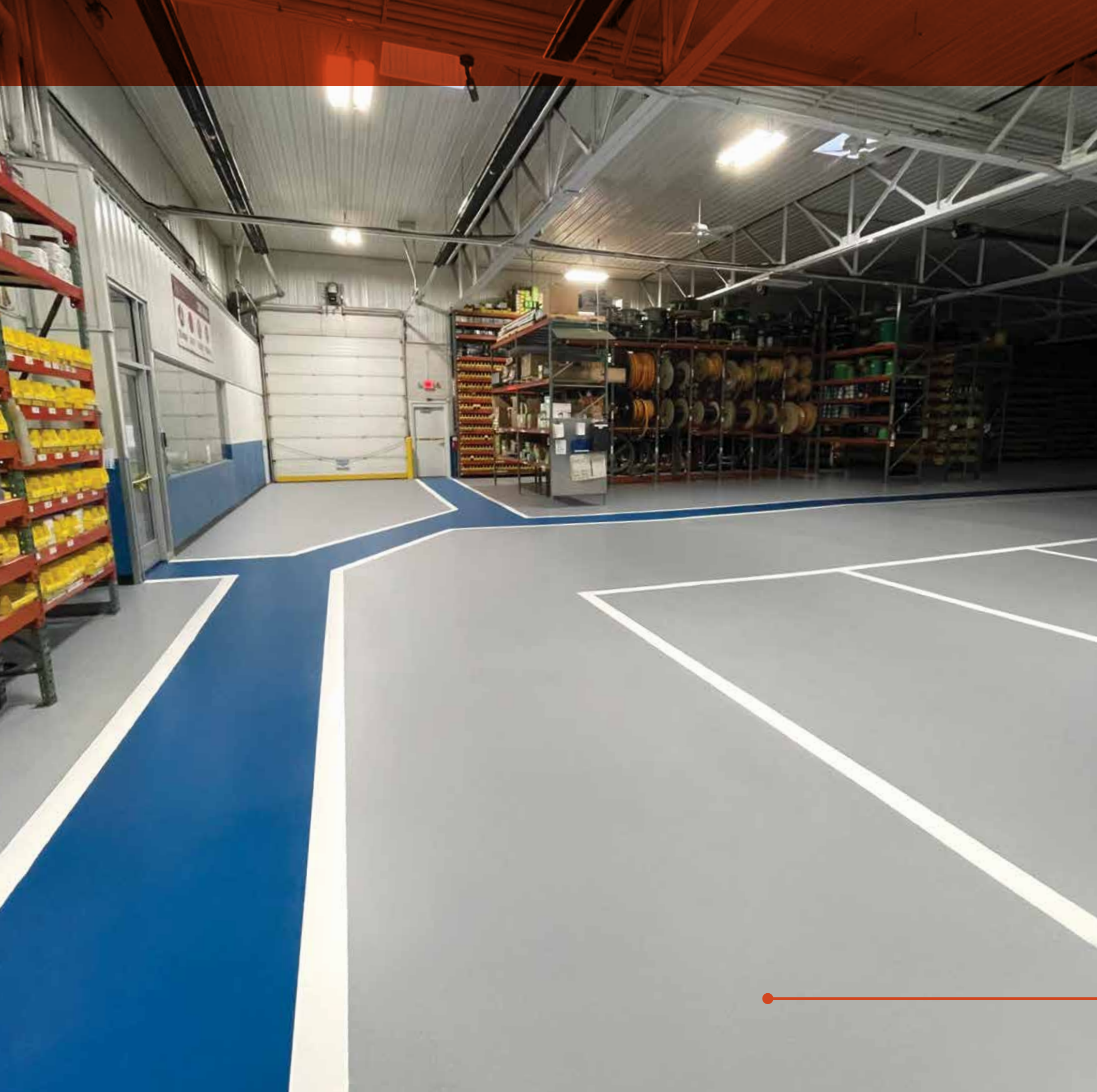


MANUFACTURING SYSTEMS

AISLEWAYS & LOADING DOCKS • BATTERY CHARGING AREAS
MACHINE SHOPS • PRODUCTION • WAREHOUSES





AISLEWAYS & LOADING DOCKS

SIMFLOOR HWU HIGH-WEAR URETHANE

Heavy traffic areas need a system that will take continual abuse. The topcoat for **SIMFLOOR HWU** incorporates a filler that is very hard and provides superior wear resistance for heavy fork lift activity. The system also resists damage from chemicals and UV exposure through large, dock doors and factory windows.

SYSTEM ATTRIBUTES



ADHESION:
> 400 psi



COEFFICIENT
OF FRICTION:
0.60



COMPRESSIVE
STRENGTH:
11,600 psi



FLAMMABILITY:
Self-extinguishing
on concrete



FLEXIBILITY 1/8"
BEND MANDREL:
PASS



FLEXURAL
STRENGTH:
12,800 psi



GLOSS:
70 - 80



HARDNESS:
Pencil 4H



TABER
ABRASION:
12 mg loss

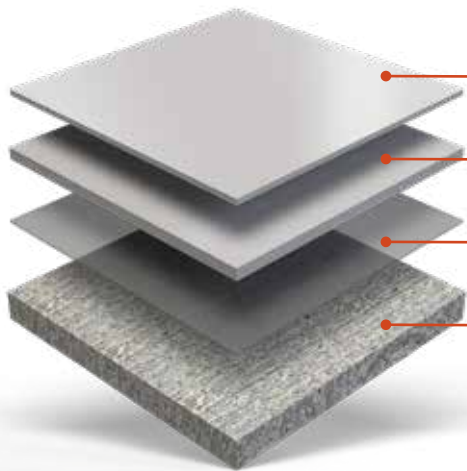


TENSILE
STRENGTH:
9,600 psi



UV
RESISTANT

SYSTEM BUILD



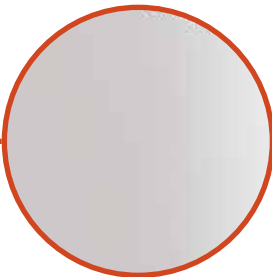
TOPCOAT:
SIMTHANE HWU, SATIN, LIGHT GRAY

BASECOAT:
1100SL 100% SOLIDS EPOXY, LIGHT GRAY

PRIMER:
1000HS 100% SOLIDS EPOXY PRIMER, CLEAR

PREPARED SUBSTRATE:
CSP 3+

COLOR SELECTIONS



To view all color selections refer to the **Simiron Product Color Guide**.

BATTERY CHARGING AREAS

SIMFLOOR EPOXY SILOXANE CHEMICALLY RESISTANT

Areas that maintain batteries often look terrible due to leaked acid that stains and destroys many floors. **SIMFLOOR EPOXY SILOXANE** offers maximum surface protection, including battery acid. This low odor, low VOC system also offers abrasion and UV resistance. The recommended topcoat finish is satin and easy to maintain.

SYSTEM ATTRIBUTES



ADHESION:
> 400 psi



COEFFICIENT
OF FRICTION
.50



COMPRESSIVE
STRENGTH:
11,600 psi



ELONGATION:
5 - 10%



FLAMMABILITY:
Self-extinguishing
on concrete



FLEXIBILITY 1/8"
BEND MANDREL:
PASS



FLEXURAL
STRENGTH:
12,800 psi



HARDNESS:
Shore D: 75



GLOSS:
88°



TABER
ABRASION:
40 mg loss



TENSILE
STRENGTH:
9,600 psi



UV
RESISTANT

SYSTEM BUILD

TOPCOAT:
971EPS HIGH SOLIDS EPOXY SILOXANE,
SATIN, CLEAR

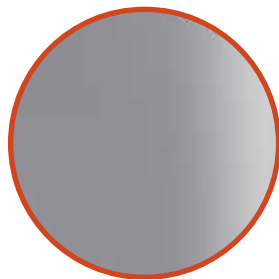
BASECOAT:
1100SL 100% SOLIDS EPOXY, HAZE GRAY

PRIMER:
1000HS 100% SOLIDS EPOXY PRIMER

PREPARED SUBSTRATE:
CSP 3+

COLOR SELECTIONS

To view all color selections refer to
the **Simiron Product Color Guide**.





MACHINE SHOPS

SHOP FLOOR

Manufacturing/work zones need to be durable to withstand the maintenance of heavy machinery. 1/16" **SHOP FLOOR** with slip-resistant texture is an industry standard for protecting concrete from dropped tools and parts. Our version locks in the broadcast with a polyaspartic, which provides UV stability for exposure through large windows and chemical resistance to a wide variety of oils.

SYSTEM ATTRIBUTES



ADHESION:
> 400 psi



COEFFICIENT OF FRICTION:
> 0.55



COMPRESSIVE STRENGTH:
11,600 psi



ELONGATION:
5 - 10%



FLAMMABILITY:
Self-extinguishing on concrete



FLEXIBILITY 1/8" BEND MANDREL:
PASS



FLEXURAL STRENGTH:
12,800 psi



GLOSS:
92 - 95



HARDNESS:
Shore D 70, 86



TABER ABRASION:
30 mg loss

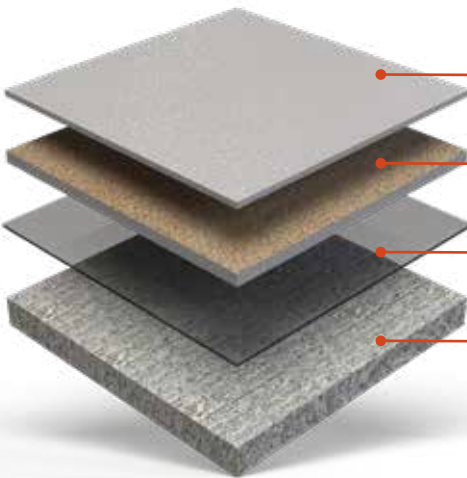


TENSILE STRENGTH:
9,600 psi



UV RESISTANT

SYSTEM BUILD



TOPCOAT:
POLYASPARTIC HS, GLOSS, LIGHT GRAY

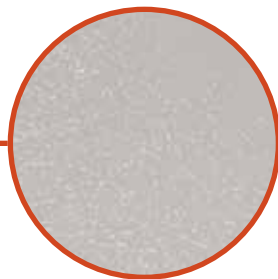
BASECOAT/BROADCAST:
1100SL 100% SOLIDS EPOXY, LIGHT GRAY & SILICA SAND

PRIMER:
1000HS 100% SOLIDS EPOXY PRIMER, CLEAR

PREPARED SUBSTRATE:
CSP 3+

COLOR SELECTIONS

To view all color selections refer to the **Simiron Product Color Guide**.














PRODUCTION

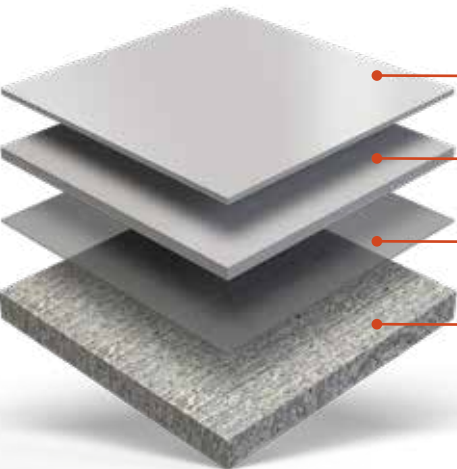
SIMFLOOR HWU HIGH-WEAR URETHANE

Operations managers want a floor solution that will last once a process is installed. **SIMFLOOR HWU** is a system named after the featured topcoat, which yields a wide-range of protection characteristics. The low VOC system has resistance to most machine fluids. The satin finish is tough and creates a background to find small tools, parts, and fasteners.

SYSTEM ATTRIBUTES

					
ADHESION: > 400 psi	COEFFICIENT OF FRICTION: 0.60	COMPRESSIVE STRENGTH: 11,600 psi	FLAMMABILITY: Self-extinguishing on concrete	FLEXIBILITY 1/8" BEND MANDREL: PASS	FLEXURAL STRENGTH: 12,800 psi
					
GLOSS: 70 - 80	HARDNESS: Pencil 4H	TABER ABRASION: 12 mg loss	TENSILE STRENGTH: 9,600 psi	UV RESISTANT	

SYSTEM BUILD



- TOPCOAT:**
SIMFLOOR HWU, SATIN, LIGHT GRAY
- BASECOAT:**
1100SL 100% SOLIDS EPOXY, LIGHT GRAY
- PRIMER:**
1000HS 100% SOLIDS EPOXY PRIMER, CLEAR
- PREPARED SUBSTRATE:**
CSP 3+

COLOR SELECTIONS

To view all color selections refer to the **Simiron Product Color Guide**.
















WAREHOUSES

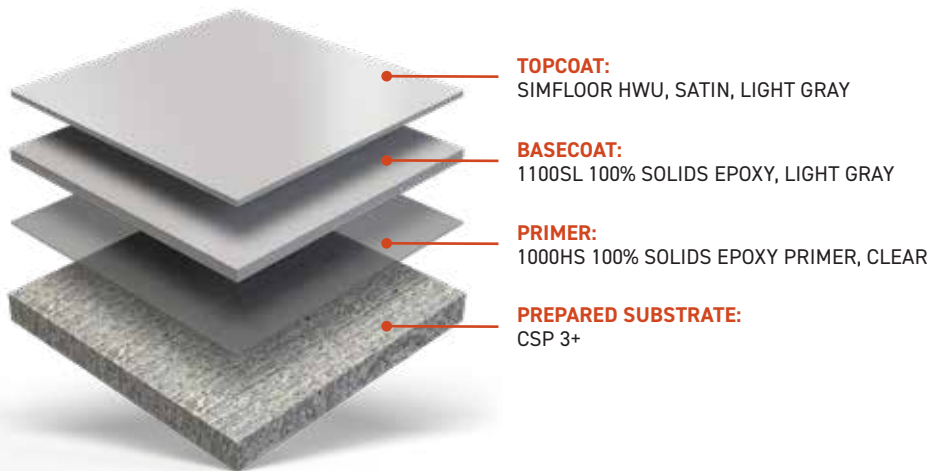
SIMFLOOR HWU HIGH-WEAR URETHANE

Finished products need the concrete sealed to reduce dusting. Workers require a slip-resistant surface that can handle stock moving equipment. **SIMFLOOR HWU** is a high-solids floor coating system with a light, consistent texture offers traction for workers and withstands abrasion from heavy lift trucks that may be used. This finish also provides an enduring appearance that is easy to clean.

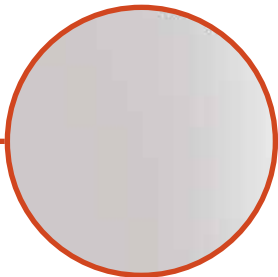
SYSTEM ATTRIBUTES

 ADHESION: > 400 psi	 COEFFICIENT OF FRICTION: 0.60	 COMPRESSIVE STRENGTH: 11,600 psi	 FLAMMABILITY: Self-extinguishing on concrete	 FLEXIBILITY 1/8" BEND MANDREL: PASS	 FLEXURAL STRENGTH: 12,800 psi
 GLOSS: 70 - 80	 HARDNESS: Pencil 4H	 TABER ABRASION: 12 mg loss	 TENSILE STRENGTH: 9,600 psi	 UV RESISTANT	

SYSTEM BUILD



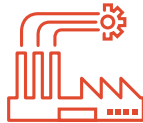
COLOR SELECTIONS



To view all color selections refer to the **Simiron Product Color Guide**.



SIMIRON.COM | SHOP.SIMIRON.COM



SIMIRON INC.
CORPORATE HEADQUARTERS
3000 Research Drive
Rochester Hills, MI 48309
(248) 686-3600

MADE IN THE USA

