

MANUFACTURING SYSTEMS

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

SIMIRON™
INNOVATIVE PROTECTIVE COATINGS

AISLEWAYS & LOADING DOCKS

SIMFLOOR HWU
HIGH-WEAR URETHANE

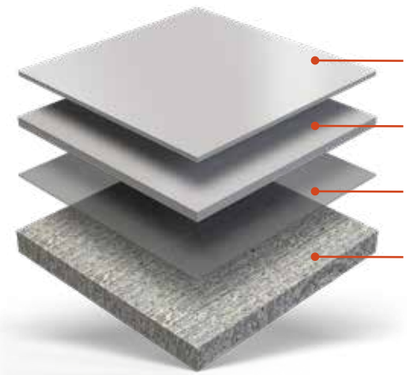
Heavy traffic areas need a system that will take continual abuse. The topcoat for **SIMFLOOR HWU** incorporates a filler that is very hard and provides superior wear resistance for heavy fork lift activity. The system also resists damage from chemicals and UV exposure through large, dock doors and factory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

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

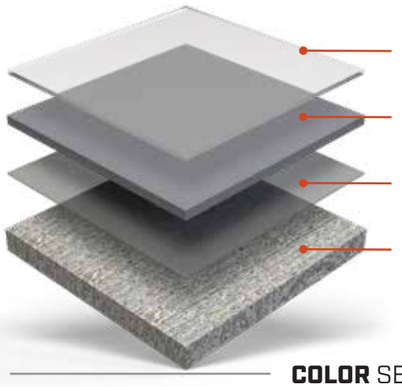
GLOSS:
88°

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:
SIMIRON EPOXY

PREPARED SUBSTRATE:
CSP 3+

COLOR SELECTIONS

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



MACHINE SHOPS

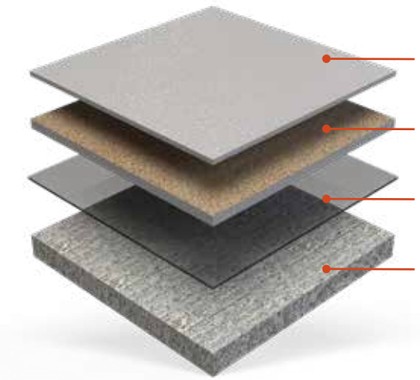
SHOP FLOOR

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:
SIMIRON EPOXY

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

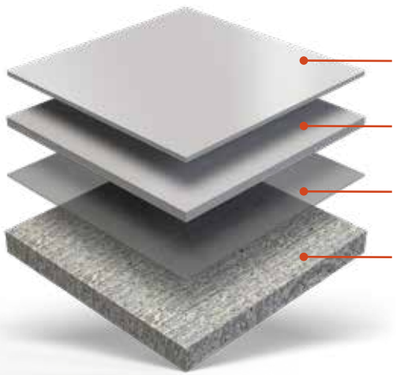
HARDNESS:
Pencil 4H

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:
SIMIRON EPOXY

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

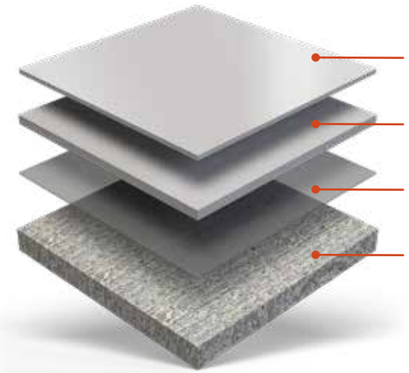
HARDNESS:
Pencil 4H

TABER ABRASION:
12 mg loss

TENSILE STRENGTH:
9,600 psi

UV RESISTANT

SYSTEM BUILD



TOPCOAT:
SIMFLOOR HWU, SATIN, LIGHT GRAY

BASECOAT:
1100SL 100% SOLIDS EPOXY, LIGHT GRAY

PRIMER:
SIMIRON EPOXY

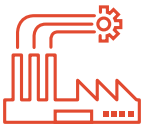
PREPARED SUBSTRATE:
CSP 3+

COLOR SELECTIONS

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

SIMIRON™

SIMIRON.COM | SHOP.SIMIRON.COM



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MADE IN THE USA

