

AEROSPACE SYSTEMS

AVIONICS • HANGARS • MAINTENANCE

SIMIRON™

INNOVATIVE PROTECTIVE COATINGS

SIMFLOOR ESD
ELECTROSTATIC DISSIPATIVE FLOORING

SIMIRON SIMFLOOR ESD has a static dissipative topcoat that helps to protect small, sensitive computer circuitry used in aircraft electronic components. The system provides a valuable foundation for any comprehensive static charge management solution. The coating system will also provide protection against airplane fluids and fuel and resists damage from abrasion and UV exposure from large access doors.

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

HARDNESS:
Pencil 4H

GLOSS:
70 - 80

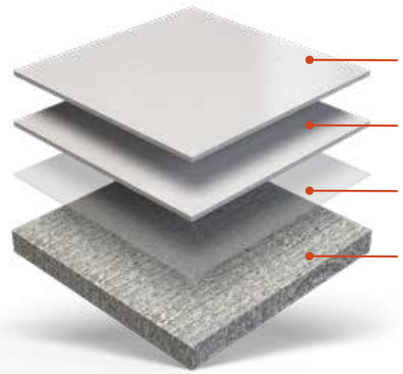
RESISTANCE:
1x10 (6th power) - < 1x10 (9th power) ohms

TABER ABRASION:
12 mg loss

TENSILE STRENGTH:
9,600 psi

UV RESISTANT

SYSTEM BUILD



TOPCOAT:
SIMFLOOR ESD, 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.**

SIMFLOOR HWU
HIGH-WEAR URETHANE

Aircraft owners want a functional coating that looks good while not taking attention away from their planes. **SIMIRON SIMFLOOR HWU** is a system that provides protection against corrosive airplane fluids and UV damage from exposure through large entry doors. The satin finish contains a fine texture that provides extreme abrasion resistance to withstand heavy aircraft movement and parking.

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

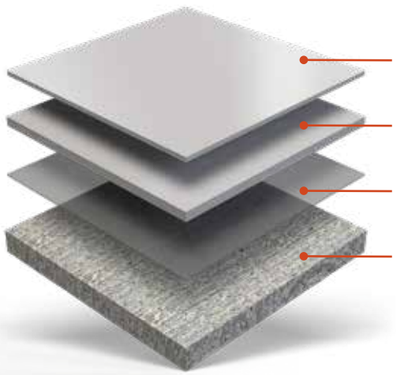
HARDNESS:
Pencil 4H

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.**

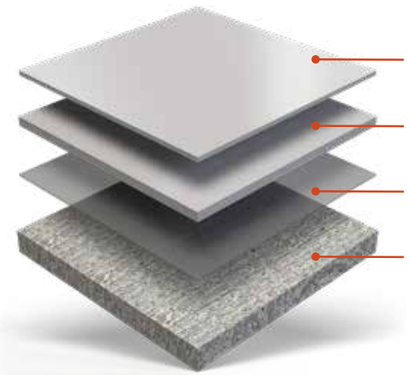
SIMFLOOR HWU
HIGH-WEAR URETHANE

Even the best mechanics spill a small amount of corrosive hydraulic fluid or gas and end up with parts and tools on the floor. **SIMIRON SIMFLOOR HWU** is a durable system that uses a high-solids, low VOC urethane topcoat that provides superior resistance against abrasion, chemicals, and UV exposure. Light color options also provide light reflectivity for critical work; small tools and fasteners can be easily located on this surface.

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.**

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MADE IN THE USA