

RESUFLOOR™ SDU EV

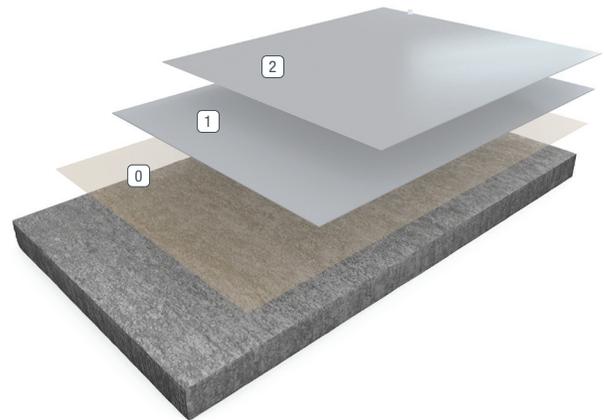
Sherwin-Williams Resuflor SDU EV is a high-performance, static control flooring system. Comprised of a moisture vapor barrier coat, a high-solids epoxy build coat and an electrostatic dissipative urethane topcoat, the system provides reliable electrostatic discharge (ESD) protection combined with excellent chemical resistance.

BENEFITS

- Meets ANSI/ESD S20.20-2007 for resistance at 1×10^5 to $< 1 \times 10^9$ ohms and < 100 volts body voltage generation
- Provides good chemical and stain resistance
- Can be applied to green concrete
- Seamless and sanitary; easy to clean and maintain
- Attractive satin finish is available in choice of colors
- LEED® v4 — Green Building credits available

USES

- EV battery manufacturing facilities
- Cleanroom and dry room environments
- Industrial production and assembly



0 Moisture Vapor Barrier Coat

2 Static Dissipative, NMP Resistant Topcoat

1 Build Coat



FEATURED COLORS



Please see the Resufloor Standard Industrial Color Card for details or envision a color in your space using our Flooring Visualizer Tool at floorvisualizer.sherwin-williams.com. This reproduction approximates the actual color. Factors such as the type of product, degree of gloss, texture, size and shape of area, lighting, heat or method of application may cause color variance. Contact your Sherwin-Williams representative for details.

ABOUT CHEMICAL RESISTANCE

Sherwin-Williams High Performance Flooring offers a broad range of systems to accommodate nearly every industrial, commercial and institutional setting. Each flooring system includes a standard chemical-resistant topcoat or surface proven to perform under typical conditions.

Important considerations:

- The combination of cleaning solutions, sanitizing chemicals, processing substances and products found in any operational setting is unique.
- Knowing exactly which materials are present — as well as their concentrations and typical exposure times before cleanup — is critical for proper flooring system selection.
- During the specification process, a flooring system’s standard chemical-resistant topcoat may get replaced with one better suited to unique facility conditions.

The ability of a flooring system to perform as designed relies heavily on proper selection. Matching each use case with the right chemical-resistant flooring is key to having a facility looking great and functioning at peak level over the long term.

See our Chemical Resistance Guide and other technical resources on our website. Connect with a Sherwin-Williams High Performance Flooring expert for help with specifying an optimal flooring system for your facility.

TYPICAL PHYSICAL PROPERTIES

Body Voltage Generation ANSI/ESD STM 97.2 (ANSI/ESD S20.20 - Method 2)	12 volts with ESD shoes 32 volts with heel straps
Body Voltage Decay (with ESD shoes or heel straps) AATCC 134-1979 (modified)	1,000 volts to <10 volts in <1.0 sec
Resistance to Ground in Combination with a Person ANSI/ESD STM 97.1 (ANSI/ESD S20.20 - Method 1)	<3.5 x 10 ⁷ ohms (ESD shoes or heel straps)
Surface Resistance Point to Point/Point to Ground ESD Assoc. ANSI/ESD 7.1-2005	1x10 ⁵ ohms to < 1x10 ⁹ ohms
Abrasion Resistance ASTM D4060 Taber Abraser, CS-17 Taber Abrasion Wheel, 1,000 g load, 1,000 revolutions.	38 mg/loss
Adhesion to Concrete ASTM D7234	350 psi Result based on lab testing of Resuprime™ MVB
Compressive Strength (epoxy) ASTM D695	13,500 psi
Flammability (topcoat resin) ASTM D635	182 mm/min
Shore D Hardness (epoxy) ASTM D2240	80-85 @ 0 sec 75-80 @ 15 sec
Tensile Strength ASTM D2370	6,250 psi
Percent Elongation ASTM D2370	6%
Dynamic Coefficient of Friction (DCOF) ANSI A326.3-2017	0.72

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

United States & Canada

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