

HYBRI-FLEX® ESD

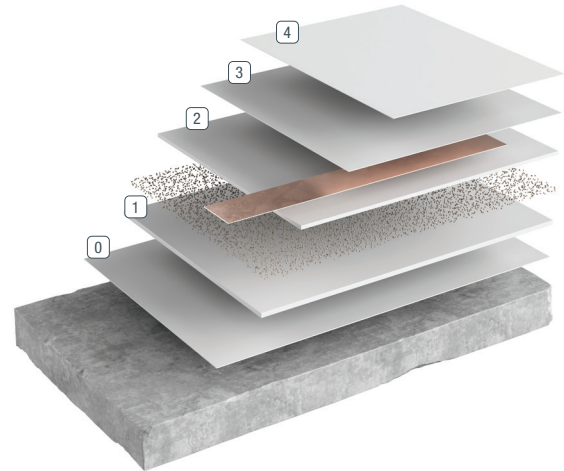
Hybri-Flex ESD is a solid color, hybrid floor system consisting of our cementitious urethane base coat, self-level epoxy, static dissipative epoxy and urethane topcoat. It features a smooth finish and our ultra-tough Resutile® SDS topcoat. The nominal system thickness is 3/16". It is an ideal choice for installation on freshly placed concrete, rough existing floors, or where higher impact resistance is desired.

BENEFITS

- 10⁶-10⁹ ohms resistance protects sensitive equipment
- Self-leveling — A uniform, more even floor system that provides light reflection
- Abrasion resistance — Resutile SDS topcoat delivers superior toughness
- Moisture mitigating — Can be applied to high moisture concrete and is capable of handling high soluble ion (salts) contamination, reducing the risk of moisture-related coating failure
- Easy maintenance — Long-lasting performance and satin finish

USES

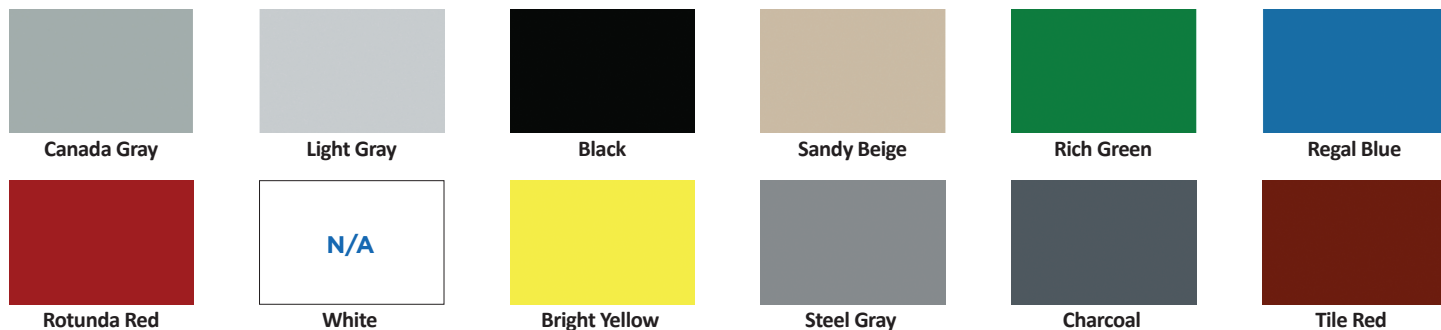
- Cleanrooms
- Laboratories
- Electro-static sensitive manufacturing areas
- Aircraft hangars/high bays



- | | |
|-----------------------|--------------------|
| 0 Primer | 3 Epoxy Topcoat |
| 1 Base Coat/Broadcast | 4 Urethane Topcoat |
| 2 S/L Topping | |



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

Abrasion Resistance, ASTM D4060 (1000 g load, 1000 cycles, CS-17 wheel)	38 mg loss
Compressive Strength, ASTM D-695	17,500 psi
Compressive Strength, ASTM C-579	12,500 psi
Tensile Strength, ASTM D-638	4,000 psi
Tensile Strength, ASTM C-307	2,600 psi
Tensile Elongation, ASTM D-638	7.50%
Flexural Strength, ASTM D-790	6,250 psi
Flexural Strength, ASTM C-580	4,500 psi
Flexural Modulus of Elasticity, ASTM D-790	6.2 x 10 ⁵
Linear Expansion, ASTM D-696	2 x 10 ⁻⁵
Bond Strength to Concrete, ASTM D-4541	400 psi (Substrate Fails)
Indentation, MIL D-3134	.025 MAX
Impact Resistance, ASTM D-2794	> 160 inch-lbs.
Water Absorption, ASTM D-570	0.04%
Heat Resistance Limitation	140°F – 200°F
Flammability, ASTM D-635	Self-Extinguishing
Critical Radiant Flux, ASTM E-648	Class I
Noise Reduction Coefficient, ASTM C-423	0.05
Dynamic Coefficient of Friction - Wet*, ANSI A326.3	> 0.42

*Sherwin-Williams High Performance Flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation. Contact your Sherwin-Williams territory sales manager or tech representative for more information on alternative textures, grit/grip additives, or smooth coatings for your specific environment. A sample should always be obtained and tested prior to purchase for any non-slip flooring system.

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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