

## RESUFLO R GARD SL

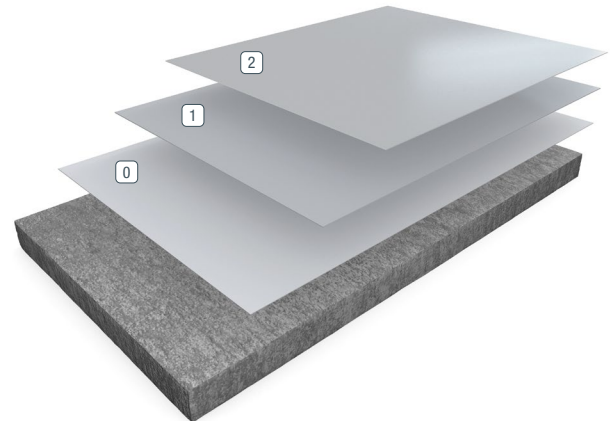
Resuflo R Gard SL is a solid-color, self-leveling seamless flooring system consisting of 100% solids epoxy and a special blend of natural quartz aggregates and fillers. This system can be applied at variable thicknesses from 60-100 mils. Virtually unaffected by oil, grease, gasoline, strong detergents, salts, etc., Resuflo R Gard SL protects new concrete floors from industrial abuse as well as restores damaged concrete to better-than-new condition.

### BENEFITS

- Stain resistant — Reduces discoloration caused by common chemicals and cleaners
- Variable build — Achieves self-level up to 100 mil
- Abrasion resistant — Performance topcoat delivers superior toughness
- Easy maintenance — Long-lasting performance and gloss finish without waxing

### USES

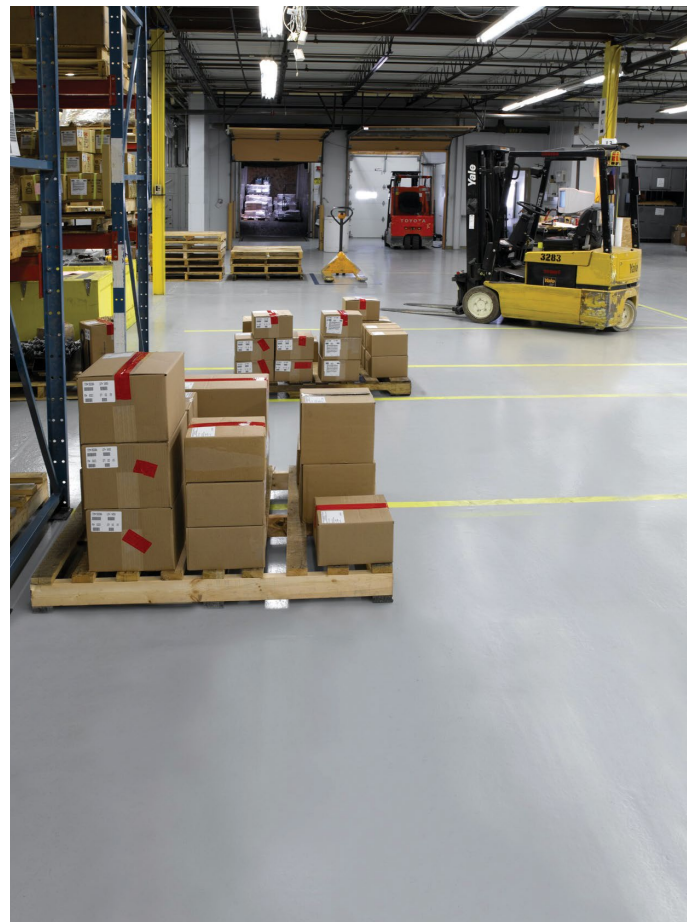
- Pharmaceutical facilities
- Cleanrooms
- Assembly areas
- Laboratories
- Light manufacturing



0 Primer

2 Topcoat

1 Body Coat



FEATURED COLORS



Standard and custom colors available. Please see the ResufloL Standard Industrial Color Card for details or envision a color in your space using our Flooring Visualizer Tool at [floorvisualizer.sherwin-williams.com](http://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

Hardness, Shore D, ASTM D-2240	70-80
Compressive Strength, ASTM D-695	16,000 psi
Compressive Strength, ASTM C-579	10,500 psi
Tensile Strength, ASTM D-638	3,000 psi
Tensile Strength, ASTM C-307	1,950 psi
Tensile Elongation, ASTM D-638	7.50%
Flexural Strength, ASTM D-790	4,000 psi
Flexural Strength, ASTM C-580	2,900 psi
Flexural Modulus of Elasticity, ASTM D-790	5.5 x 10 <sup>5</sup>
Coefficient of Linear Expansion, ASTM D-696	2 x 10 <sup>-5</sup>
Bond Strength to Concrete, ASTM D-4541	400 psi substrate fails
Indentation, ML D-3134	.025 MAX
Impact Resistance, ML D-3134	Pass
Water Absorption, ASTM D-570	0.04%
Heat Resistance Limitation	140°F - 200°F
Flammability, ASTM D-635	Self-Extinguishing
Flame Spread/NFPA 101, ASTM D-84	Class B
Abrasion Resistance CS-17 Wheel 1000 GM Load 1000 cycles, ASTM D-4060	35 mg loss (without Urethane Topcoat) 4 mg loss (with Resutile AT Gloss)
Static Coefficient of Friction*, ANSI B101.1	> 0.6
Dynamic Coefficient of Friction - Wet*, ANSI A326.3	> 0.42
VOC Content	0 g/L

\*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

[sherwin-williams.com/resin-flooring](http://sherwin-williams.com/resin-flooring)  
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