

## RESUFLOL GARD SL

The following information is to be used as a guideline for the installation of the Resuflo Gard SL flooring system. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

### APPLICATION INFORMATION — SURFACE PREP PROFILE CSP 3-4

VOC MIXED	APPLICATION STEP	MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT	PACKAGING
0 g/L	Primer	Resuflo Glaze	2:1	200 sq ft/gal	3, 15 or 150 gal
0 g/L 0	Body Coat	Resuflo Gard 290 Flour F-60 Sand	2:1	45-70 sq ft/1.5 gal resin .75-1 gal .75-1 gal	3.125 gal/unit 50 lbs 50 lbs
< 100 g/L	Topcoat	Resutile AT	Premeasured Units	~700 sq ft/unit	1.375 gal/unit

For additional topcoat options, contact your Sherwin-Williams Representative.

### IMPORTANT!

Read these instructions carefully several days prior to starting your work. Seek answers to any questions you may have before you begin. Sherwin-Williams HPF maintains a technical staff that will be glad to answer your questions and give you advice pertaining to your particular installation.

### SURFACE PREPARATION

Surface must be sound, dry and perfectly clean, free of all oil, grease, detergent film, sealers and/or curing compounds. A CSP 3 is appropriate for most applications. Upper level rooms, like mechanical rooms, bathrooms or wet process areas that have space below, should receive Resuflo EOC seamless fluid applied membrane. Please refer to the Surface Preparation Guidelines on our website for detailed instructions. No epoxy coatings should be applied unless surface temperature is a minimum of 5°F above dew point. See Dew Point Calculation Chart on our website for detailed instructions.

**NOTE:** For each application of material and before mixing, mark your batches to ensure you achieve your spread rate targets. This is best accomplished by dividing your target spread rate by the width of the area being coated (or your planned wet edge). Example: If your spread rate is 100 square feet and your area is 20 feet wide, you would make a mark every 5 feet (100 divided by 20 = 5).

### MIXING AREA

Select a convenient mix area and protect the surface from spillage by covering with a layer of cardboard and/or sheet of plastic. Be generous with the amount of space you allocate for this function. The more comfortably your mixer works, the less likely you are to have a “mix error”. Make ready all necessary tools, mix and measure containers, etc. **DO NOT MIX ANY EPOXY UNTIL READY FOR IMMEDIATE USE.** Once hardener and resin are combined, it must be used without delay. Working time is dependent on choice of hardener, size of batch, time to place on floor and temperature of floor and product. Apply masking tape to wherever coating is intended to stop. To obtain neat, straight, chip-resistant edges at termination points and/or drains, a “keyed edge” must be installed.

### JOINT GUIDELINES

Refer to the Joint Guidelines on our website for complete details.

### PRIMING

All surfaces must be primed with Resuflo WB Primer, Resuflo Glaze, or Resuflo MVP Primers\* as soon as the surface has been prepared.

\*Resuflo MVP Primers include Resuflo MVP or MVP3 Primer.

### QUALITY CONTROL

The color of Resuflo Gard SL may vary slightly from batch to batch. It is recommended that the lot number on the side of the resin pail be checked. If lot numbers are different, box together the different lot numbers to ensure a uniform color for topcoat applications.

## APPLICATION METHOD

- A. Prime surface with appropriate primer and spread rate.
- B. Pre-mix Resufloor Glaze Hardener (Water Clear or Regular) and Resufloor Gard Resin thoroughly before mixing together.
- C. Measure out 1/2 gallon Resufloor Glaze Hardener and 1 gallon Resufloor Gard Resin. When combining, be sure to add the hardener first. Add the resin and scrape out the container. Be careful to pour both hardener and resin into the center of the mixing pail. Mix the blended epoxy with a slow speed power drill with a Jiffler mixing blade for 2-3 minutes.
- D. Always scrape the sides and bottom of the mixing bucket to assure thorough blending.
- E. Apply aggregates and fillers and Shop Floor liquids to a primed substrate with a 3/8" or 1/2" notched squeegee, depending on thickness desired. Gently back roll with a loop roller to ensure even distribution of blended aggregates and fillers. Cross roll entire area and allow to cure.

## SELF-LEVEL SYSTEMS (EPOXY)

**60 mil Resufloor Gard SL:** 1 mix covers 70 square feet, 1 ½ gal. Resufloor Gard, 3 quarts 290 Flour and 3 quarts F-60 sand (Use 3/8" squeegee for a 60 mil system).

**100 mil Resufloor Gard SL:** 1 mix covers 45 square feet, 1 ½ gal. Resufloor Gard, 4 quarts 290 Flour and 4 quarts F-60 sand (Use ½" squeegee for a 100 mil system).

## TOPCOAT INSTRUCTIONS

Select appropriate topcoat and follow its application instructions (Apply pigmented Resutile AT per Product Data Sheet instructions). For an orange peel finish, apply a coat of Resufloor Gard OPF at a coverage rate of 350-500 square feet per gallon.

**IMPORTANT:** Increasing room temperature to accelerate cure is not recommended, a slight reduction (3°-5°F) from reasonable room temperature may help reduce outgassing. Resufloor Gard is a high gloss finish; special care should be given to avoid surface contamination. USE SIGNS AND BARRIERS to keep traffic out of the area. Do not allow any water on coated surface for 24-48 hours.

**NOTE:** Use Resufloor Solve or Xylene for clean up.

### IMPORTANT!

Before using Sherwin-Williams High Performance Flooring products, read and understand their accompanying Safety Data Sheet.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT [industrial.sherwin-williams.com/na/us/en/resin-flooring](http://industrial.sherwin-williams.com/na/us/en/resin-flooring) FOR THE LATEST VERSION.

**CAUTION!** As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual's personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another.

In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation. Typically, it disappears once the exposure is eliminated. In some cases people can become "sensitized" to a product and experience the discomfort every time there is exposure without Personal Protective Equipment ("PPE").

To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.

Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Do not reseal moisture-contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of container.

## 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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