

RESUFLOTM COVE-REZ

The following information is to be used as a guideline for the installation of the Resufloor Cove-Rez system. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

APPLICATION INFORMATION

VOC MIXED	APPLICATION STEP	MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT	PACKAGING
<50 g/L	Primer	Resufloor Cove-Rez	2:1	200 sq. ft./gal	3 or 15 gals
<50 g/L	Mortar 4" Cove	Resufloor Cove-Rez Aggregate Blend	2:1	4" at 40-50 linear ft. w/ 1/8"-1" radius 40-50 lbs./0.75 gal	3 or 15 gals 50 lb. bag
<50 g/L	Mortar 6" Cove	Resufloor Cove-Rez Aggregate Blend	2:1	6" at 30-35 linear ft. w/ 1/8"-1" radius 40-50 lbs./0.75 gal	3 or 15 gals 50 lb. bag
<50 g/L	Grout	Resufloor Cove-Rez	2:1	100 sq. ft./gal	3 or 15 gals

For additional topcoat options, consult the Sherwin-Williams Topcoat Selection Guide or contact your Sherwin-Williams Representative.

INSTALLATION

Sherwin-Williams High Performance Flooring materials shall only be installed by approved contractors.

SURFACE PREPARATION — GENERAL

Sherwin-Williams systems can be applied to a variety of substrates if the substrate is properly prepared. Preparation of surfaces other than concrete will depend on the type of substrate, such as wood, concrete block, quarry tile, etc. Should there be any questions regarding a specific substrate or condition, please contact the Sherwin-Williams Technical Service Department prior to starting the project. Refer to Surface Preparation Form G-1.

SURFACE PREPARATION — CONCRETE

Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile depending upon the system selected. Refer to Form G-1.

After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Protrusions shall be ground smooth while voids shall be filled with a system compatible filler. For recommendations, consult the Sherwin-Williams Technical Service Department.

TEMPERATURE

Throughout the application process, substrate temperature should be 50°F-90°F. Substrate temperature must be at least 5°F above the dew point. Applications on concrete substrate should occur while temperature is falling to lessen offgassing. The material should not be applied in direct sunlight, if possible. Protect material from freezing prior to installation.

PRIMER

MIXING AND APPLICATION

1. Priming is a very important step prior to installing the cove matrix. It helps the mixed cove material "hang" on the vertical surface.
2. Measure out 1 pint Resufloor Glaze Hardener (Resufloor Ultra hardener may be used if extended working time is required) and 1 quart Resufloor Cove-Rez. Add Resufloor Glaze Hardener to the mixing pail first. Add Resufloor Cove-Rez and scrape out the container. Be sure to pour both Hardener and Resin into the center of the mixing pail. Blend the epoxy with a 450 rpm drill and 3-1/2" Jiffier mixer for 2 minutes. Use a disposable brush to paint a thin coat on the wall and 1" out on the floor.

Note: If the primer cures before applying the cove matrix, re-prime.

MORTAR

MIXING AND APPLICATION

Measure out 1 pint Resuflor Glaze Hardener and 1 quart Resuflor Cove-Rez. When combining, follow the same pouring and mixing procedure outlined above. Pre-mix the resins with a 3" Jiffiler mixer; then pour into a 5-gallon metal pail. Using a 5-gallon pail mixer, add 6-8 quarts (25 lbs.) of appropriate aggregate and blend until all the aggregate is wet out.

SPREAD MATRIX

Working out of the 5-gallon pail, spread the matrix on the wall with a 3" flat finishing trowel or 4" putty knife. Leave enough excess on the floor to form the cove radius. Spread the entire matrix and then use the cove trowel to form and smooth out the cove for a smooth finish. Do not leave rough open spots on the face of the cove.

Note: When forming and finishing the cove, lubricate and clean the trowel with Resuflor Solve, xylene, or denatured alcohol. This will allow the trowel to glide along the cove matrix and tightly close the cove.

TOPCOAT

MIXING AND APPLICATION

The topcoat for the base is applied before the topcoat for the floor. Measure out 1 pint Resuflor Glaze Hardener and 1 quart Resuflor Cove-Rez and combine following the pouring and mixing procedure outlined in the priming section. Blend with 450 rpm drill and 3 1/2" Jiffiler mixer for 2 minutes. Brush epoxy onto the base using a disposable brush. Follow with a flat squeegee to remove excess material. Repeat process for second topcoat

CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

SAFETY PRECAUTIONS

Refer to the SDS before use. Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

MATERIAL STORAGE

Store materials in a temperature-controlled environment (40°F-90°F) and out of direct sunlight. Keep resins, hardeners and solvents separated from each other and away from sources of ignition.

MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Sherwin-Williams Technical Service Department.

DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication.

Consult www.sherwin-williams.com/resin-flooring to obtain the most recent product data information and application instructions.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams.

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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 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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