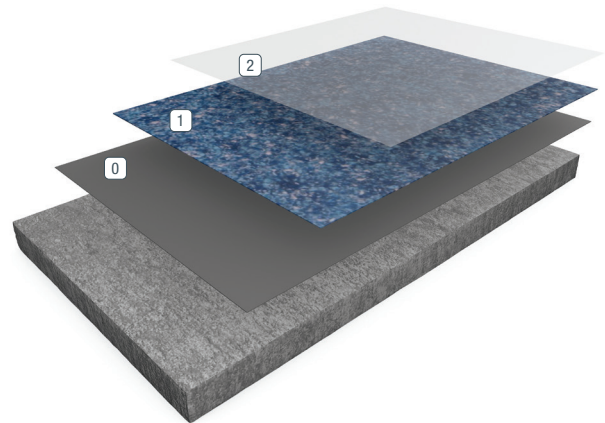


## RESUFLOOR™ DSS EV

### 7-DAY NMP RESISTANT FLOORING SYSTEM

Sherwin-Williams Resufloor DSS EV is a three- to four-layer decorative system requiring fewer installation steps than traditional five- to seven-layer floors. It helps minimize facility downtime and enables faster resumption of normal operations. The system consists of an optional moisture vapor barrier coat, a prime coat of pigmented Resufloor DSP, followed by a slurry coat of Resufloor DSS EV and finished with a UV-light stable urethane in a satin finish.



### BENEFITS

- Chemically resistant to NMP for seven days, when tested to ASTM D1308
- Quick installation and fast turnaround
- Seamless, easy to clean and maintain
- Durable and wear resistant
- Cleanable slip-resistant surface
- Natural stone appearance
- Unique look with stunning visual depth
- Minor repairs, if needed, are virtually invisible
- Can be applied to green concrete
- LEED® v4 – Green Building credits available

### USES

- Restrooms and locker rooms
- Breakrooms, offices and corridors
- Stain and odor resistant

- 0 Primer/Basecoat and Optional Moisture Vapor Barrier
- 1 Decorative Slurry
- 2 NMP- and Slip-Resistant Topcoat

### TYPICAL PHYSICAL PROPERTIES

|  |   |
|--|---|
| <b>Abrasion Resistance</b><br>ASTM D4060<br>Taber Abraser CS-17 Wheel,<br>1,000 g load, 1,000 cycles | 18 mg/loss<br>Result based on independent lab<br>testing of Resutile™ HTS |
| <b>Hardness, Shore D</b><br>(at 24 hours)<br>ASTM D2240  | 80-85 @ 0 sec   75-80 @ 15 sec  |
| <b>Sward Hardness (1 mil film)</b><br>ASTM D 2240  | 35-40   |
| <b>Tensile Strength</b><br>ASTM D2370  | 8,000 psi   |
| <b>Adhesion to Concrete</b><br>ASTM D4541  | >1,250 psi<br>(no coating adhesion failure)                               |
| <b>Adhesion to Concrete</b><br>ASTM D7234  | >480 psi<br>(max psi machine can register)                                |
| <b>Flammability</b><br>ASTM D635   | 182 mm / min  |
| <b>Chemical Resistance</b><br>ASTM D1308 Method B  | NE; 7 days  |
| <b>Dynamic Coefficient of Friction (DCOF)</b><br>ANSI A326.3-2017                                    | 0.72  |

## INSTALLATION

Sherwin-Williams High Performance Flooring materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the Resuflor DSS EV. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

### 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.

**Resuflor DSS EV is a smooth system – substrate imperfections must be corrected or they can reflect through the system.** 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.

## APPLICATION INFORMATION – SURFACE PREP PROFILE CSP 3 IF MOISTURE REMEDIATION IS REQUIRED, REFER TO CSP 4

| VOC MIXED | APPLICATION STEP                     | MATERIAL                        | MIX RATIO        | THEORETICAL COVERAGE | PACKAGING         |
|-----------|--------------------------------------|---------------------------------|------------------|----------------------|-------------------|
| <100 g/L  | Optional Moisture Vapor Barrier Coat | MVB                             | 1:1              | 72 sq/ft             | 2, 10, or 110 gal |
| <50 g/L   | Basecoat                             | DSP                             | 2:1              | 160-200 sq ft/gal    | 3 gal             |
| <50 g/L   | Decorative Slurry                    | DSS Resin<br>DSS Powder Pigment | Pre-measured kit | 18-24 sq ft/gal      | 3 gal<br>37.5 lbs |
| <50 g/L   | NMP- and Slip-Resistant Topcoat      | HTS 100                         | Pre-measured kit | 500 sq ft/gal        | 1.09 or 5.5 gal   |

### OPTIONAL COVE

|         |                 |                                      |                  |                    |                   |
|---------|-----------------|--------------------------------------|------------------|--------------------|-------------------|
| <50 g/L | Primer/Basecoat | DSP                                  | 2:1              | 160-200 sq ft/gal  | 3 gal             |
| <50 g/L | Cove            | DSS Cove Resin<br>DSS Powder Pigment | Pre-measured kit | 150-225 lin ft/kit | 3 gal<br>37.5 lbs |
| <50 g/L | Topcoat         | HTS 100                              | Pre-measured kit | 500 sq ft/gal      | 1.09 or 5.5 gal   |

4" high cove: 225 lin ft/kit | 6" high cove: 150 lin ft/kit

## GENERAL PRODUCT INFORMATION

### RESUPRIME MVB

Do not apply to new concrete slabs until at least seven days old.

Colorants CANNOT be used in Resuprime MVB.

Resuprime MVB is not a wear surface or topping, it must be topcoated.

Do not apply over a slab while experiencing hydraulic pressure.

Warranty will not apply to Resuprime MVB installed over concrete with ASR (Alkali Silica reaction).

MVER may fluctuate within slab areas and can have significant seasonal variations.

Do not apply over existing coatings, sealer or floor coverings.

Do not apply to concrete slabs with less than 3,500 psi compressive strength. (Consult Sherwin-Williams Technical Services.)

Protect the area to be treated from strong sunlight, wind or drafts during application.

Acid etching and diamond grinding should not be used as a method of preparation.

Cannot be sprayed.

### OPTIONS

**Colors:** Resuflor DSP must be pigmented for use with the Resuflor DSS System. Use Canada Gray colorant at a rate of one unit per 3-gallon mix of Resuflor DSP. Resuflor DSS and Resuflor DSS Cove are available in custom colors.

**Cove:** A seamless, smooth transition can be created between the flooring and wall using Resuflor DSS Cove.

### LIMITATIONS

**Contamination (Fisheyes):** Product may not adhere if oil, silicones, mold release agents or other contaminants are present. Chemical Resistance/Staining: Reduced chemical resistance and staining is possible in pigmented versions of the system.

## OPTIONAL MOISTURE VAPOR BARRIER COAT — RESUPRIME MVB

### SURFACE PREPARATION

**CHECK THE CONCRETE:** Concrete must be structurally sound. Concrete can be less than 28 days old.

**CHECK FOR MOISTURE:** For 22-mil application — readings can be up to 100 percent relative internal concrete humidity. Test methods can be purchased at [www.astm.org](http://www.astm.org) or follow instructions from the suppliers of this test.

**NOTE:** Although moisture testing is critical, it is not a guarantee against future problems. This is especially true if there is no vapor barrier or the vapor barrier is not functioning properly and/or you suspect you may have concrete contamination from oils, chemical spills or excessive salts. Functioning vapor barrier is required for use.

**CHECK THE TEMPERATURE AND HUMIDITY:** The ambient and surface temperature must be between 60°F (15.6°C) and 90°F (32.2°C) at the time of application, and temperatures should not rise above this range during application or while the material is curing. Ambient relative humidity percentage should not exceed 80 percent at the time of application.

**CONCRETE:** Repair and leveling layers containing latex or other components generally prevent absorption and proper bond and should be removed. Surface must be shot blasted to achieve a surface profile of ICRI CSP 3-5 (Int. Concrete Repair Inst.). Grinding or acid etching is not permitted, nor chemical remediation of any adhesive residues.

**ENSURE POROSITY:** Surface must be clean, completely free of dust, dirt, paint, sealer or any contaminant which might interfere with penetration or bond. Do not apply to floors that have sealers or bond breakers applied unless completely removed. Quick tests to help determine clean, open and absorptive concrete uses water drops. This easy test is particularly important if cores were not pulled and tested. If dime-size water drops placed at several locations on prepared floor do not readily absorb into concrete within 30 seconds or beads up, surface is not sufficiently absorptive. In all cases, thorough vacuuming (with dust containment filter) is needed before application. Cleaning with pressure washer may be advisable in some cases. Leveling should be done on top of Resuprime MVB with suitable repair materials.

**JOINTS:** Expansion (cold or construction) joints should be left intact. Resuprime MVB is not warranted against structural movement at expansion joints. To help reduce moisture emissions through expansion joints, coat the walls and bottom of the cleaned joint with Resuprime MVB. Once allowed to dry, an expansion joint cover or an elastomeric sealant may be used. For concrete slabs over six months old, sawcut (control) joints and cracks should be filled by pouring Resuprime MVB full depth or to 3/4 of joint depth. If filling to 3/4 depth pour silica quartz into Resuprime MVB to create a mortar. Sweep away excess sand and proceed with Resuprime MVB installation.

**APPLICATION: COVERAGE RATES** — apply the balance of Resuprime MVB needed to achieve the desired total thickness. It is important that the coverage rates are consistent. Very rough or porous concrete may require a heavier application. Adjust the rate as needed.

One gallon (3.78 litres) of Resuprime MVB will cover 72 ft<sup>2</sup> (6.7 m<sup>2</sup>) at 22 mils (0.56 mm) wet/dry film.

**PART A:** For larger unit sizes, pour out 2 gallons (7.56 litres) Part A into a measuring container. Then, pour this measured Part A into a 5-gallon mixing pail.

**ADD RESUPRIME MVB PART B TO PART A (1:1 VOLUME RATIO).** For larger unit sizes, pour out 2 gallons (7.56 litres) Part B into a measuring container that is separate from the one used with the Part A. Then, add the measured Part B to the Part A already in the mixing pail.

**MIX FOR FOUR MINUTES** using a Jiffy® mixer blade and slow-speed drill to produce a streak-free, homogenous product. Care must be taken to mix all the product and avoid any action that might entrap air such as high-speed drill mixing. **DO NOT THIN** the product.

**APPROXIMATE WORK TIME (minutes): °F (°C)**

| 65 (18.3) | 70 (21.1) | 75 (23.9) | 80 (26.7) | 90 (32.2) |
|-----------|-----------|-----------|-----------|-----------|
| 45 min    | 32 min    | 20 min    | 16 min    | 12 min    |

**IMMEDIATELY POUR ALL OF THE MIXED MATERIAL** onto the floor in a single bead.

**PUSH THE SQUEEGEE** at an even speed and down pressure. The squeegee should be pushed to apply the targeted amount. **NOTE:** Use of a notched squeegee will make it easier to apply a thicker coat. Immediately after the Resuprime MVB is applied and there is room to roll, a second person will **BACKROLL THE MATERIAL** with a short nap roller to a smooth and uniform appearance. **NOTE:** Finish backrolling as soon as possible.

**BEFORE PROCEEDING WITH SUBSEQUENT COATS**

First, thoroughly check Resuprime MVB for any fisheyes or pinholes, which would be a weak point in the membrane. Grind these areas and clean off residue. Make sure the surface is dry. Then, reapply Resuprime MVB to these areas.

**APPROXIMATE CURE TIME (hours): °F (°C)**

| 65 (18.3) | 70 (21.1) | 75 (23.9) | 80 (26.7) | 90 (32.2) |
|-----------|-----------|-----------|-----------|-----------|
| 11 hrs    | 9 hrs     | 7 hrs     | 6 hrs     | 4 hrs     |

Sherwin-Williams epoxies bond to Resuprime MVB if coated within 24 hours. Resuprime MVB must be cured (hard) enough so spikes worn to apply epoxy or other recoat activities do not damage Resuprime MVB.

**BASECOAT — RESUFLO<sup>TM</sup> DSP**

**COVERAGE RATE:** Coverage rate will depend upon application thickness. One gallon of Resuflo DSP will cover:

200 square feet/gal at 8 mils wet/dry film

178 square feet/gal at 9 mils wet/dry film

160 square feet/gal at 10 mils wet/dry film

Pigment the Resuflo DSP to provide a homogeneous-colored base.

**PREMIX PART A FOR THREE MINUTES** using a Jiffy mixer blade and slow speed-drill. (This is required.)

**COLORS:** Premix colorant to ensure uniform color. Colorant is added to the Part A and mixed using a Jiffy mixer blade and slow-speed drill.

**MIX RESUFLO<sup>TM</sup> DSP PART A AND COLORANT FOR THREE MINUTES** using a Jiffy mixer (HS-1 or PS-1 Blade) and slow-speed drill. (Premix is required.)

**ADD RESUFLO<sup>TM</sup> DSP PART B TO PART A (3 GALLONS TOTAL MIX).** **POTLIFE:** Mix only enough material that can be applied within the work time (time between the addition of Part B to Part A and the completion of all application actions). Check the following chart for work times at various temperatures.

**APPROXIMATE WORK TIME**

| 65°F   | 70°F   | 75°F   | 80°F   | 90°F   |
|--------|--------|--------|--------|--------|
| 50 min | 40 min | 35 min | 30 min | 25 min |

**MIX FOR TWO MINUTES** using a Jiffy mixer (HS-1 or PS-1 Blade) and slow-speed drill. (Failure to do so could result in lower/diminished coating properties.)

**IMMEDIATELY POUR ALL OF THE MIXED MATERIAL** onto the floor in a single bead.

**PUSH THE SQUEEGEE** at an even speed and down pressure to apply the desired thickness. A notched squeegee can be used to increase the thickness applied. **NOTE:** The use of spiked shoes will allow freedom of movement on the wet floor.

**CAUTION:** The surface will be slippery. **START THE SECOND AND REMAINING PASSES** by pushing material parallel to the first stroke. Hold the bead of material near the center of the bar and push at an even speed with slight down pressure.

**BACKROLL THE MATERIAL** with a quality 3/8-inch nap phenolic core roller for a smooth, uniform appearance. Backrolling is required to remove the puddles and squeegee lap marks in order to obtain uniform texture and a consistent mil thickness.

**ALLOW PRIMER TO CURE** eight to 10 hours at 75°F.

**NOTE:** If outgassing, pinholes or fisheyes occur, re-prepare area and apply an additional coat of Resuflo DSP to address. Outgassing or pin holes must be remedied before proceeding with flooring installation.

Prior to application of Resuflo DSS, once primer has cured, lightly sand with 80- to 100-grit sandpaper to remove any protrusions. Scrub with detergent and rinse with clean water before coating OR vacuum and tack rag to remove fine dust.

**DECORATIVE SLURRY — RESUFLO<sup>TM</sup> DSS**

**COVERAGE RATE:** Coverage rate will depend upon application thickness. A one-bag kit (4.5 gallons mixed material) will nominally cover (finished floor):

120 square feet/kit at 60 mils

105 square feet/kit at 70 mils

90 square feet/kit at 80 mils

**PREMIX THE 2 GALLONS OF Resuflo DSS PART A FOR TWO MINUTES** using a Jiffy mixer (PS-1 Blade) and slow-speed drill.

**NOTE:** Do not use a larger blade, which can entrap air into the blended material, causing micro-bubbles to form on the surface of the cured system.

**ADD THE 1 GALLON Resuflo DSS/Resuflo DSS COVE B TO PART A (3 GALLONS TOTAL MIX).**

**POTLIFE:** Mix only enough material that can be applied within the work time (time between the addition of Part B to Part A and the completion of all application actions). Check the following chart for work times at various temperatures.

**APPROXIMATE WORK TIME**

| 65°F   | 70°F   | 75°F   | 80°F   | 90°F   |
|--------|--------|--------|--------|--------|
| 40 min | 30 min | 25 min | 20 min | 15 min |

**MIX FOR TWO MINUTES** using a Jiffy® mixer (PS-1 Blade) and slow-speed drill. (Failure to do so could result in lower/diminished coating properties.)

**WHILE CONTINUING TO MIX, SLOWLY ADD Resufloor DSS/ Resufloor DSS COVE PART C.** Mix until all 37.5 pounds of Part C filler have been emptied into the container.

**CONTINUE MIXING FOR AN ADDITIONAL THREE MINUTES** after all of the Part C filler has been added. Pail will contain approximately 4.5 gallons of mixed material. **NOTE:** Move mixing blade throughout the container to ensure complete blending of filler. Do not whip air into the mixture. **IMMEDIATELY POUR ALL OF THE MIXED MATERIAL** onto the floor in a single bead. Scrape sides of container.

**USING AN 18-INCH WIDE, 3/8-INCH V-NOTCHED STEEL RAKE HEAD** (Kraft® Double-Notch Rake, part number GG595, is recommended) or a 1/2-inch V-notched hand trowel held at a 33-45 degree angle, apply material over desired area. Push the material out to edges and corners. Draw the material down the floor using smooth strokes.

**USE HAND TROWELS** to finish along edges and drains.

**NOTE:** Allow product to self-level for at least five minutes before porcupine rolling. Use a minimum 7/16-inch plastic porcupine roller to smooth and level the Resufloor DSS. Material must be rolled (back and forth over a given area) with a porcupine roller in order to release entrained air. **NOTE:** The use of spiked shoes will allow freedom of movement on the wet floor. **CAUTION:** The surface will be slippery. **NOTE:** Avoid sliding in the wet Resufloor DSS surface while wearing spiked shoes, as this will create a void. To repair wet surface imperfections, gently slide a marginal trowel across the marks caused by the spikes and then backroll with the porcupine roller.

**LAY BUTTING EDGES WITHIN 10 MINUTES** to ensure a clean edge. A “wet edge” installation is imperative during large placements to avoid lines and ridges in the finished floor.

**ALLOW Resufloor DSS TO HARD CURE.**

**APPROXIMATE CURE TIME**

| 65°F   | 70°F   | 75°F   | 80°F   | 90°F  |
|--------|--------|--------|--------|-------|
| 24 hrs | 20 hrs | 16 hrs | 12 hrs | 8 hrs |

**NMP- AND SLIP-RESISTANT TOPCOAT — RESUTILE™ HTS 100**

Resufloor DSS/Resufloor DSS Cove should be topcoated with a urethane topcoat.

**SANDING REQUIRED:** Resufloor DSS/Resufloor DSS Cove must be thoroughly sanded before applying urethane topcoat (see following chart).

**APPROXIMATE WORK TIME**

| 65°F   | 70°F   | 75°F   | 80°F   | 90°F  |
|--------|--------|--------|--------|-------|
| 24 hrs | 20 hrs | 16 hrs | 12 hrs | 8 hrs |

Use 80-grit sandpaper (exception — when applying Resutile HPS 100, use 100-grit sandpaper). The use of more aggressive paper will introduce deep grooves that will not be covered by a single, thin coat of urethane; swirl marks will be particularly evident if the topcoat is glossy. We recommend thorough sanding with a swing-type buffer so that multiple scratch marks cause an obvious gloss loss on all areas (depressions will remain shiny), and the floor is uniformly dulled. The ability to see individual scratch marks is an indication that sanding is not adequate. Scrub with detergent and rinse with clean water before coating and tack rag to remove fine dust.

**PREMIX PART A FOR THREE MINUTES USING A JIFFY MIXER BLADE** with slow-speed drill. **POTLIFE:** Mix only enough that can be used in a two-hour period. **NOTE:** Once opened, this material cannot be resealed for later use.

**POUR PART C INTO PART A** while mixing.

**CONTINUE TO MIX AND ADD PART B. MIX FOR THREE MINUTES** using a Jiffy mixer blade and slow-speed drill. Pour into application tray.

**APPLY RESUTILE HTS 100** at the rate of 500 square feet per gallon with a 3/8-inch nap roller. For proper appearance and development of physical properties, it is crucial that material is not applied above or below this rate. Dip the roller in the coating and lightly roll out excess in the application tray. Apply two 8- to 10-foot-long paths on the concrete, making one stroke left to right and one right to left. Rewet the roller and apply two more paths adjacent to the first pair. Rewet roller and apply a third pair adjacent to the second.

**SPREAD THE MATERIAL** evenly with V-shaped cross passes.

**MAKE SURE THE FLOOR HAS JUST ENOUGH COATING TO COVER EVENLY.** Excess material could cause the floor to blister, especially in high humidity. Insufficient material will cause the floor to look non-uniform.

**LEVEL THE AREA** with straight passes that cross the initial material paths. These final strokes will reduce roller marks. If the appearance is not satisfactory, reroll the area.

**REMIX THE MATERIAL** in the tray occasionally (with the roller) to prevent settling of the Part C (filler).

**NOTE:** When multiple applicators are used to apply material, inconsistencies between areas may result. To ensure a more uniform finish, an individual outfitted with spiked shoes may finish by pushing or pulling a roller across all applicator areas.

**ALLOW COATING TO DRY 24 HOURS** at 75°F, 50 percent relative humidity before opening to light traffic. Allow more time at low temperatures, low humidity or for heavier traffic. Full coating properties take seven to 14 days to develop.

## OPTIONAL COVE — RESUFLO<sup>TM</sup> DSS-EV COVE

**NOTE:** Cove installation is done after the decorative slurry installation and before the topcoat. The clear topcoat will be applied to both the floor and the cove at the same time.

**NOTE:** Substrate should be dry, sound and clean. Extremely porous surfaces (e.g., cinder block) will require a primer. Painted/smooth surfaces should be scuffed prior to application. A coving strip SHOULD NOT be used, as it will show through. Instead, use tape to create the top edge of the cove. The tape can be removed after the cove has been installed.

**TOOLS:** Use a coving trowel that is 2 inches taller than the cove height being installed.

**COVING TROWEL PREPARATION:** Using duct tape, wrap the top edge of the coving trowel with a minimum of eight layers of duct tape. This will produce a lip to hold the coving trowel off the wall roughly 40-80 mils. Hold trowel against wall and measure how far out the radius ends from the wall. Using this measurement, drop a tape line along the floor, parallel to the wall. This will act as a stopping point for the bottom of the cove.

Tape from the top (wall) and bottom (floor) will be removed after the cove is installed. This will leave a feather-edged transition on the floor and a 40-80 mils protrusion on top. The top edge can be sanded to remove any imperfections and then caulked to leave a nicely finished edge. The bottom edge can be lightly sanded to create a nearly invisible transition from cove to floor.

**COVERAGE RATE:** The cove mix below typically covers 225 lineal feet at a height of 4 inches. The coverage of the Resuflo<sup>TM</sup> DSS EV Cove could vary depending on its thickness (cove shape).

## COVE SLURRY — RESUFLO<sup>TM</sup> DSS-EV COVE

**PREMIX THE 2 GALLONS Resuflo<sup>TM</sup> DSS EV COVE PART A FOR TWO MINUTES** using a Jiffy<sup>®</sup> mixer (PS-1 Blade) and slow-speed drill. **NOTE:** Do not use a larger blade, which can entrap air into the blended material, causing micro-bubbles to form on the surface of the cured system.

**ADD THE 1 GALLON OF Resuflo<sup>TM</sup> DSS EV/Resuflo<sup>TM</sup> DSS EV COVE B TO PART A (3 GALLONS TOTAL MIX).**

**POTLIFE:** Mix only enough material that can be applied within the work time (time between the addition of Part B to Part A and the completion of all application actions). Check the following chart for work times at various temperatures.

### APPROXIMATE WORK TIME

| 65°F   | 70°F   | 75°F   | 80°F   | 90°F   |
|--------|--------|--------|--------|--------|
| 40 min | 30 min | 25 min | 20 min | 15 min |

**MIX FOR TWO MINUTES** using a Jiffy mixer (PS-1 Blade) and slow-speed drill. (Failure to do so could result in lower/diminished coating properties.)

**WHILE CONTINUING TO MIX — USING THE BUCKET MORTAR MIXER, SLOWLY ADD Resuflo<sup>TM</sup> DSS EV/Resuflo<sup>TM</sup> DSS EV COVE C.** Mix until all 37.5 pounds of Part C filler have been emptied into the container.

## DESIGNED TO PERFORM

**CONTINUE MIXING FOR AN ADDITIONAL THREE MINUTES** after all of the Part C filler has been added. Pail will contain approximately 4.5 gallons of mixed material. **NOTE:** Move mixing blade throughout the container to ensure complete blending of filler. Do not whip air into the mixture.

**IMMEDIATELY START TO HANG THE BLENDED Resuflo<sup>TM</sup> DSS EV COVE MATERIAL,** using a hand trowel or margin trowel to rough out the cove form. Pot life on the mixed cove materials is 30 minutes, and in some conditions, may be up to an hour.

**USING THE PROPERLY PREPARED COVING TROWEL,** strike the pre-hung coving material. **NOTE:** The Resuflo<sup>TM</sup> DSS EV Cove material is applied using a slightly different technique than when installing a typical “built” cove, where the installer compresses the material to create the desired shape. The Resuflo<sup>TM</sup> DSS EV Cove should be handled more like a caulk. It is to be smoothed with the coving trowel, not compressed.

**AFTER THE FIRST STRIKE,** clean the trowel and apply solvent to the trowel. Take the solvent-lubricated trowel and smooth the cove.

**WHEN COMPLETE,** remove tape lines from the top and bottom of the cove.

**NOTE:** The cove should be topcoated at the same time as the floor.

**AFTER COVE HAS CURED HARD,** lightly sand cove by hand to remove any imperfections. A palm sander may be used. Carefully vacuum, followed by a tack rag, to ensure all residue is removed. Follow instructions for topcoat application above.

## REPAIRING MINOR RESUFLO<sup>TM</sup> DSS EV SURFACE DAMAGE

**IDENTIFY THE DAMAGED SPOT.** Tape off the surrounding area to protect it. **REMOVE DAMAGED MATERIAL** using a router with a straight carbide-tipped bit. **VACUUM THE ROUTED AREA,** followed by a clean tack rag.

**USING Resuflo<sup>TM</sup> DSS EV/Resuflo<sup>TM</sup> DSS EV COVE PART C,** dust the perimeter of the area to be repaired.

**MIX Resuflo<sup>TM</sup> DSS EV PART A AND Resuflo<sup>TM</sup> DSS EV/Resuflo<sup>TM</sup> DSS EV COVE PART B** at a 2:1 ratio for three minutes. For every 1 ounce of blended Resuflo<sup>TM</sup> DSS EV Part A and B liquid, add 44.3 grams of Resuflo<sup>TM</sup> DSS EV/Resuflo<sup>TM</sup> DSS EV Cove Part C powder. Mix for an additional two minutes.

**POUR THE BLENDED,** three-component Resuflo<sup>TM</sup> DSS EV mixture into the area to be repaired.

**STRIKE THE AREA USING A 1/8-INCH V-NOTCHED TROWEL,** held at a 10-20 degree angle, to remove excess material. Wipe the surrounding area clean, as required.

**ALLOW TO CURE OVERNIGHT** and lightly sand the next day to level the area if needed.

**APPLY TOPCOAT TO THE REPAIRED AREA** and carefully feather edges into the surrounding surface. Contact technical support for guidance.

## 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 of 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](http://www.sherwin-williams.com/resin-flooring) to obtain the most recent product data 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.

## 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)  
[swflooding@sherwin.com](mailto:swflooding@sherwin.com)