

RESUWALL™ DECO FLAKE WALL SYSTEM

The following information is to be used as a guideline for the installation of the Resuwall Deco Flake Wall System. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

APPLICATION INFORMATION

VOC MIXED	APPLICATION STEP	MATERIAL	MIXED RATIO	THEORETICAL COVERAGE	PACKAGING
**	Optional for Ceramic Tile	Resuprime™ 5531	Single Component	500 sq ft/gal	Quart
<50 g/L	Primer First Broadcast	Resufloor™ 3462G 6750D/6755D Vinyl Flake	3:1	135-250 sq ft/gal 100 lbs/1,000 sq ft	4 or 20 gals 50 lbs
<50 g/L	Bonding Coat Second Broadcast	Resufloor™ 3461 6750D/6755D Vinyl Flake	1:2	200-300 sq ft/gal 100 lbs/1,000 sq ft	3 or 15 gals 50 lbs
<50 g/L	Grout Coat	Resufloor 3461	1:2	200-300 sq ft/gal	3 or 15 gals
<50 g/L	Seal Coat	Resufloor 3461	1:2	400-500 sq ft/gal	3 or 15 gals

**Contact Technical Service for tile substrates.

INSTALLATION

Sherwin-Williams materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the Resuwall Deco Flake Wall System. 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, tile, cement board, drywall and masonry. 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

Consult the Surface Preparation Form G-1 for surface preparation for gypsum board, concrete block, plywood or concrete masonry unit (CMU).

CMU WALLS: Sherwin-Williams Pro Industrial Heavy Duty Block Filler should be used to fill voids in cinder block surfaces. Do not apply in bug holes or grout joints over ¼ inch in depth. For block with rougher texture, more voids and deeper joints contact Sherwin-Williams Technical Service Department for additional information.

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. DO NOT ALLOW MATERIAL TO FREEZE.

OPTIONAL FOR CERAMIC TILE – RESUPRIME™ 5531**MIXING AND APPLICATION**

1. The vitreous substrate must be structurally sound. Greasy, oily surfaces should be cleaned with hot commercial soap solution, followed by xylene solvent wipe.
2. Lightly sand all surfaces paying particular attention to grout joints. A steel brush will help. Vacuum dust.
3. Premix 5531 using a low-speed drill and Jiffy® blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
4. Brush or roll a liberal amount making sure all surfaces are uniformly covered. The 5531 contains isopropyl alcohol (take proper precautions).
5. As soon as isopropyl alcohol has flashed off of the 5531 (typically two-three minutes), check for spots you might have missed. Typically, they are shiny spots along grout lines or divots. Touch up by rubbing 5531 into these spots with a clean rag.

PRIMER/BROADCAST – RESUFLO™ 3462G AND VINYL FLAKE**MIXING AND APPLICATION**

1. Premix GP3462G59 (resin) and GP3462B01 (hardener), separately using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to whip air into the materials.
2. Add 3 parts GP3462G59 (resin) to 1 part GP3462B01 (hardener), mix with low speed drill and Jiffy blade for three minutes and until uniform. Resuflor Aqua 3462G may be reduced with potable water up to 10%. DO NOT REDUCE PRODUCT UNTIL AFTER BOTH COMPONENTS HAVE BEEN MIXED TOGETHER FOR 90 SECONDS.
3. Apply material using a 3/8 in nap roller at a spread rate of 135-250 sq ft/gal to yield 6-12 mils WFT depending upon substrate. DO NOT EXCEED 20 MILS WFT. Immediately broadcast 6750 Mosaic Broadcast to saturation (about 100 lbs per 1,000 sq ft).

BONDING COAT/SECOND BROADCAST – RESUFLO™ 3461 AND VINYL FLAKE**MIXING AND APPLICATION**

1. Scrape or pole sand loose chips before applying second coat.
2. Premix 3461A (resin) and 3461B (hardener) separately, using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
3. Add 1 part 3461A (resin) to 2 parts 3461B (hardener) by volume. Mix with low-speed drill and Jiffy blade until uniform (typically 90 seconds). Material will thicken as you mix. To ensure proper cure and performance, strictly follow the mix ratio. Material may be reduced by 5-10% potable water as a grout or topcoat. DO NOT REDUCE PRODUCT UNTIL BOTH COMPONENTS HAVE BEEN MIXED TOGETHER FOR 90 SECONDS.
4. Apply 3461 using a 3/8 in roller at a spread rate 200-300 sq ft/gal, immediately broadcast 6750 Mosaic Broadcast to saturation (about 100 lbs/1,000 sq ft). Broadcast using a small compressor and hopper gun to create a speckled appearance.
5. Allow to cure overnight.
6. Prior to grout coat application, scrape or pole sand loose chips before applying grout coat.

GROUT COAT – RESUFLO™ 3461**MIXING AND APPLICATION**

1. Premix 3461A (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
2. Add 1 part 3461A (resin) to 2 parts 3461B (hardener) by volume. Mix with low-speed drill and Jiffy blade until uniform (typically 90 seconds). Material will thicken as you mix. To ensure proper cure and performance, strictly follow the mix ratio. Material may be reduced by 5-10% potable water. DO NOT REDUCE PRODUCT UNTIL BOTH COMPONENTS HAVE BEEN MIXED TOGETHER FOR 90 SECONDS.
3. 3461 may be applied via spray, roller or brush. Apply using a 3/8 in nap non-shedding, urethane enamel roller at a spread rate of 200-300 sq ft/gal evenly with no runs.
4. Allow to cure overnight. Allow to cure 48 hours before water exposure and seven days for full chemical resistance. In cool and/or high humidity conditions, a surface film may form which can be washed with soap and water.
5. Prior to seal coat application, pole sand surface with 80-100 grit screens to smooth texture.

SEAL COAT – RESUFLO™ 3461

1. Premix 3461A (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
2. Add 1 part 3461A (resin) to 2 parts 3461B (hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations.
3. 3461 may be applied via spray, roller or brush. Apply using a 1/4 in nap non-shedding, urethane enamel roller at a spread rate of 400-500 sq ft/gal evenly with no runs. Note: Roller application will leave a stipple finish. A final roll with a sponge roller will reduce but not eliminate stipple.
4. Allow to cure overnight. Allow to cure 48 hours before water exposure and seven days for full chemical resistance. In cool and or high humidity conditions, a surface film may form which can be washed with soap and water.

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 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.

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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.

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