RESUWALL™ AQUA HIGH BUILD WALL SYSTEM

The following information is to be used as a guideline for the installation of the Resuwall Aqua High Build 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
<100 g/L	Primer	Resulflor™ 3462G	3:1	200-250 sq ft/gal	4 or 20 gals
<100 g/L	Base Coat	Resuflor 3462G	3:1	200-250 sq ft/gal	4 or20 gals
<50 g/L	Optional Finish Coat	Resutile™ Aqua 4410/4411	4:1	400-500 sq ft/gal	1.25 or 5 gals

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

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 Resuwall Aqua High Build 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, 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

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.

BLOCK FILLER

OPTIONAL

BLOCK FILLER may be used to smooth texture. Contact your local Sherwin-Williams store.

PRIMER – RESUFLOR™ AQUA 3462G

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. Apply material using a 3/8" nap roller at a spread rate of 200-250 sq ft/gal to yield 6-8 mils WFT depending upon substrate.

SPRAY APPLICATION

Apply material at a spread rate of 80-200 sq ft/gal to yield 8-20 mils WFT depending upon substrate. DO NOT EXCEED 20 MILS WFT.

SPRAY APPLICATIONS: Other airless spray pumps of equal configuration can be used.

Recommended Spray Unit:

Graco Extreme (X-45) Gun: G-XTR-5 45:1 ratio or larger tip size: 515/615 or larger orifice 4,500 PSI or higher.

The filters/screens in both the spray unit and spray gun should be removed before spraying the 3462G. The spray unit and lines should be flushed with water until clear and then flushed with isoproyl alcohol (IPA).

BASE COAT – RESUFLOR AQUA 3462G

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. Apply material using a 3/8" nap roller at a spread rate of 200-250 sq ft/gal to yield 6-8 mils WFT depending upon substrate.

SPRAY APPLICATION

Apply material at a spread rate of 80-200 sq ft/gal to yield 8-20 mils WFT depending upon substrate. DO NOT EXCEED 20 MILS WFT.

SPRAY APPLICATIONS: Other airless spray pumps of equal configuration can be used.

Recommended Spray Unit:

Graco Extreme (X-45) Gun: G-XTR-5 45:1 ratio or larger tip size: 515/615 or larger orifice 4,500 PSI or higher.

The filters/screens in both the spray unit and spray gun should be removed before spraying the 3462G. The spray unit and lines should be flushed with water until clear and then flushed with isoproyl alcohol (IPA).

FINISH COAT (OPTIONAL) – RESUTILE™ AQUA 4410/4411

MIXING AND APPLICATION

1. Premix 4410/4411 (resin) using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to introduce air into the material.

2. Add 4 parts 4410/4411A (resin) to 1 part 4410/4411B (hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

3. 4410/4411 may be applied via spray, roller or brush. Apply using a 1/4" nap non-shedding, urethane enamel roller at a spread rate of 400-500 sq ft/gal to yield 3-4 WFT mils evenly with no runs.

4. If a second coat of 4410/4411 is required, recoat at 4-18 hours and no additional prep is required. If the first coat has cured more than 18 hours; abrade the first coat with 100 grit paper or screens to remove gloss then solvent wipe prior to application of the second coat.

5. Allow 24 hours minimum before water exposure.

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.

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
swflooring@sherwin.com

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