RESUFLOR™ AQUA TOPCOAT AC

The following information is to be used as a guideline for the installation of the Resuflor Aqua Topcoat AC flooring system. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

APPLICATION INFORMATION – SURFACE PREP PROFILE CSP 1-3

VOC MIXED	APPLICATION STEP	MATERIAL	MIX RATIO	THEORETICAL COVERAGE	PACKAGING
<50 g/L	Primer	Resuflor 3460 20% potable water	1:4	200-250 sq ft/gal	1.25 or 25 gals
<50 g/L	Base Coat	Resuflor 3460	1:4	80-300 sq ft/gal	1.25 or 25 gals
<100 g/L	Seal Coat	Resutile 4410/4411	4:1	300-400 sq ft/gal	1.25 or 5 gals

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 maintains a technical staff that will be glad to answer your questions and give you advice pertaining to your particular installation.

INSTALLATION

The following information is to be used as a guideline for the installation of the Resuflor Topcoat AC. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

SURFACE PREPARATION

A. 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.

B. Concrete - Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile equal to CSP 1-3. Refer to Form G-1.

C. After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Excessive surface profile may require a body coat prior to system application. Protrusions shall be ground smooth while voids shall be filled with a Sherwin-Williams system filler. For recommendations, consult the Sherwin-Williams Technical Service Department.

TEMPERATURE

Throughout the application process, substrate temperature should be 50°F-95°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 materials should not be applied in direct sunlight, if possible.

PRIMING

A. Premix Part B using a low-speed drill and Jiffy blade. Mix until uniform, exercising caution to not introduce air into the product.

B. Add 1 part 3460A (resin) to 4 parts 3460B (hardener) by volume plus 20% potable water. Mix with low-speed drill and Jiffy blade until uniform (typically 90 seconds).

C. Apply 3460 using a flat or notched squeegee coat and backroll with a high quality 3/16" nap roller. Apply at a spread rate of 200-250 square feet per gallon to yield 6-8 mils WFT, evenly with no puddles, making sure of uniform coverage.

D. Allow to cure for 12 hours.

BASE COAT MIXING AND APPLICATION

A. Premix 3460A (resin) and 3460B (hardener) separately using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to whip air into the materials.

B. Add 1 part 3460A (resin) to 4 parts 3460B (hardener), mix with low-speed drill and Jiffy blade for three minutes until uniform. Apply material using a 3/8" nap roller at a spread rate of 80-300 square feet per gallon to yield 5-20 mils WFT depending upon substrate. Note: 10% water can be added to help with flow and workability.

C. Allow to cure for a minimum of 12 hours depending on air movement, temperature and humidity before applying seal coat.

SEAL COAT

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

B. 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 until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations.

C. Apply 4410/4411 using a 1/4" nap roller at a spread rate of 300-400 square feet per gallon, evenly with no puddles, making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.

D. Allow to cure for 24 hours minimum before opening to light foot traffic.

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 MSDS sheet before use. All applicable federal, state, local and particular plant safety guidelines must be followed during the handling, installation and cure of these materials. Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state and local codes.

MATERIAL STORAGE

Store materials in a temperature-controlled environment (50°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.

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.

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