

RESUFLOTM AQUA TOPCOAT TX

The following information is to be used as a guideline for the installation of the Resuflo Aqua Topcoat TX. 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	Resuflo 3460 20% potable water	1:4	200-250 sq ft/gal	1.25 or 25 gals
<50 g/L 0	Base Coat (Optional)	Resuflo 3460	1:4	100-200 sq ft/gal	1.25 or 25 gals
<50 g/L 0	Topcoat	Resutile 4410/4411 5240	4:1 8-12 lbs/4 gal unit	400 sq ft/gal	4 or 20 gals 50 lb bag

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 Resuflo Aqua Topcoat TX. 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.
- Concrete - Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile of CSP 1-3. 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 40°F minimum. Substrate temperature must be at least 5°F above the dew point. Applications on concrete substrates should occur while temperature is falling to lessen offgassing.

PRIMING

- Premix 3460B (hardener) using a low-speed drill and Jiffy blade. Mix until uniform, exercising caution not to introduce air into the material.
- Add 1 part 3460A (resin) to 4 parts 3460B (hardener) plus 20% potable water. Mix with a low-speed drill and Jiffy blade until uniform. To ensure proper system cure and performance, strictly follow mix ration recommendations.
- 3460 may be applied via spray, roller or brush. Apply at 200-250 square feet per gallon to yield 6-8 mils WFT evenly with no puddles, making sure of uniform coverage. Coverage will vary depending upon the porosity of the substrate and surface texture.
- Two applications of 3460 Primer may be necessary to adequately seal and fill the surface imperfections and protect against outgassing. This can be accomplished by applying two tight, flat squeegee coats (pushing not pulling) in opposite directions at 15-20 minutes apart.

OPTIONAL BASE COAT MIXING AND APPLICATION

- Premix 3460B (hardener) using a low speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
- Add 1 quart 3460A (resin) to 1 gallon 3460B (hardener), mix with low speed drill and Jiffy blade for three minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio instructions.
- 3460 may be applied via roller, brush or squeegee. Apply at a spread rate of 100-200 square feet per gallon to desired thickness.
- Allow to cure overnight.

TOPCOAT MIXING AND APPLICATION

- A. Premix 4410A/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 gallons 4410A/4411A (resin) to 1 gallon 4410B/4411B (hardener); mix with low speed drill and Jiffy blade for three minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio instructions. While mixing, add 8-12 lbs. of 5240 Part C and mix for an additional 30 seconds. Pour into application tray.
- C. 4410/4411 may be applied via roller or brush. Apply using a 1/4" nap non-shedding, enamel roller cover at a spread rate of 400 square feet per gallon to yield 4 WFT mils evenly with no puddles, by dipping and rolling out of the application tray as evenly as possible. Can dilute up to 10% with potable water to aid flow.
- D. Cross-roll the material in multiple directions to level out any roller marks until appearance is satisfactory.
- E. Remix the material (using the roller) every time roller is dipped into application tray. **Note:** Applying this material thicker than the published coverage rate will affect appearance and functionality of the high-wear finish.
- F. Allow 48 hours to cure for water exposure and 7 days for chemical 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 sheet 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 to 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.

United States & Canada

sherwin-williams.com/resin-flooring
swflooding@sherwin.com

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