

## RESUFLO<sup>TM</sup> AQUA TOPCOAT AC

### Sherwin-Williams Resuflor Aqua Topcoat AC

is designed to provide a water-based, thin-mil, light-reflective and chemical-resistant finish.

### BENEFITS

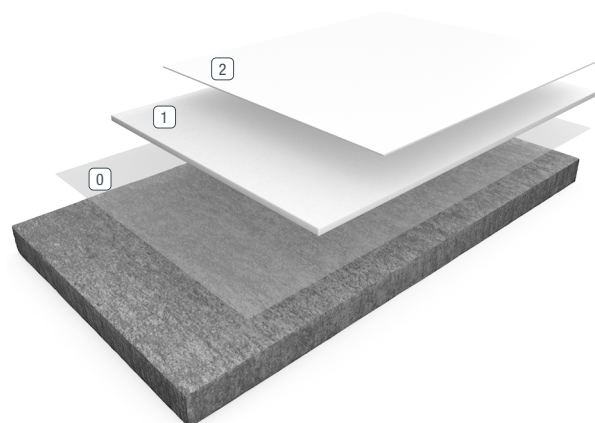
- Breathable
- Excellent gloss retention
- UV color stability
- Can be tinted at Sherwin-Williams store
- Chemical and stain resistant
- Resists common acids, fuels grease, salt and Skydrol<sup>TM</sup>

### USES

- Aircraft hangars
- Warehouses
- Industrial plants

### LIMITATIONS

- This coating (4410/4411 seal coat), though resistant, is not a guarantee against tire staining. Vehicular tires from cars and trucks to tractors and boat trailers are varied, and have the potential to leave a brown stain under certain conditions. Place rubber mats or carpet pieces under the tires to avoid the issue.



0 Primer

2 Seal Coat

1 Base Coat

### TYPICAL PHYSICAL PROPERTIES

<b>Color</b>	Standard colors Can be tinted at SW store (See Limitations)
<b>Abrasion Resistance</b> ASTM D 4060, CS-17 Wheel, 1,000 cycles	30-50 mgs lost
<b>Resistance to</b> MIL-D-3134J	No slip or flow at Elevated Temperatures required temperature of 158°F
<b>Adhesion</b>	300 psi concrete failure
<b>Flammability</b>	Self-extinguishing over concrete
<b>Gloss</b> 60° Gloss Meter @ 73°F, 50% RH	90
<b>Impact Resistance</b> MIL-D-3134J	Direct, inch pound greater than 160 passes Reverse, inch pound greater than 160 passes
ASTM C = Mortar System ASTM D = Resin only	

## INSTALLATION

The following information is to be used as a guideline for the installation of the Resuflor Aqua Topcoat AC. 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 equal to CSP 1-3. Refer to Form G-1.

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 50-95°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 off gassing. The materials should not be applied in direct sunlight, if possible.

## APPLICATION INFORMATION — SURFACE PREP PROFILE CSP 1-3

VOC MIXED	APPLICATION STEP	MATERIAL	MIXED RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<50 g/L	Primer	3460	1:4	160-200 sq. ft. / gal.	1.25 or 25 gals
<50 g/L	Basecoat	3460	1:4	80-300 sq. ft. / gal.	1.25 or 25 gals
<50 g/L	Seal Coat	4410/4411	4:1	300-400 sq. ft. / gal.	1.25 or 5 gals

## PRIMER

### MIXING AND APPLICATION

1. Premix 3460 Part A (resin) and 3460 Part B (hardener) separately, using a low-speed drill and Jiffy blade. Mix until uniform, exercising caution not to introduce air into the product.
2. Add 1 part 3460A (resin) to 4 parts 3460B (hardener) by volume. Mix with low-speed drill and Jiffy blade until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations. Take care not to puddle materials and ensure even coverage.
3. Apply 3460 using a tight squeegee coat and backroll with a high-quality 3/16" nap roller. Apply at a spread rate of 8-10 mils evenly with no puddles making sure of uniform coverage.
4. Allow to cure 12 hours minimum.

## BASE COAT

### MIXING AND APPLICATION

1. 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.
2. 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 sq. ft. per gallon to yield 5-20 mils WFT depending upon substrate.
3. Allow to cure for a minimum of 12 hours depending on air movement, temperature and humidity before applying seal coat.

## SEAL COAT

### MIXING AND APPLICATION

1. 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.
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 until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations.
3. 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.
4. Allow to cure for 24 hours minimum before opening to light foot traffic.

### APPLICATION EQUIPMENT

Brush / Roller

Use 1/4" phenolic core rollers and professional quality, medium-stiff natural bristle brushes.

## 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.

## 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 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.

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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.

### United States & Canada

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