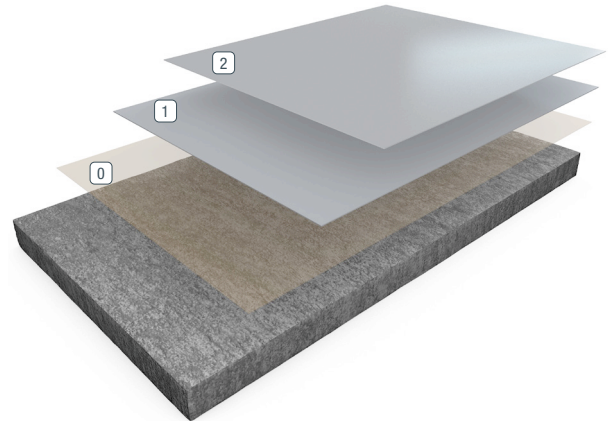


RESUFLOR™ TOPCOAT AC

Sherwin-Williams Resuflor Topcoat AC

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



0 Seal Coat

2 Seal Coat

1 Base Coat

BENEFITS

- Excellent gloss retention
- UV color stability
- Chemical and stain resistant
- Resists common acids, fuels grease, salt and Skydrol™

USES

- Aircraft hangars
- Warehouses
- Industrial plants

TYPICAL PHYSICAL PROPERTIES

| | |
|---|--|
| Color | Standard Colors Computerized custom color matching available upon request |
| Abrasion Resistance ASTM D 4060, CS-17 Wheel, 1,000 cycles | 30-50 mgs lost |
| Resistance to Temperatures MIL-D-3134J | No slip or flow at required temperature of 158°F |
| Adhesion ACI 503R | 300 psi concrete failure |
| Flammability | Self-extinguishing over concrete |
| Gloss 60° Gloss Meter @ 73°F, 50% RH | 90 |
| Impact Resistance MIL-D-3134J | Direct, inch pound greater than 1 60 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 Resuflo 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 | 3579 | 2:1 | 150-200 sq. ft. / gal | 2 or 10 gals |
| <50 g/L | Seal Coat (2 coats required) | 4687 | 2:1 | 250-400 sq. ft. / gal | 3 or 15 gals |

For different optional seal coats, such as 3745 Self-Leveling Epoxy, consult individual technical data sheets for mixing and application instructions.

PRIMER

MIXING AND APPLICATION

1. Premix 3579A (resin) 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 2 parts 3579A (resin) to 1 part 3579B (hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform.
3. Apply via brush, roller, or spray at a rate of 150-200 square feet per gallon, evenly, with no puddles. Apply 5-8 mils, evenly, with no puddles. Coverage will vary depending upon porosity of the substrate and surface texture.
4. Wait until primer is tacky (usually 1 hour minimum), before applying the slurry. If primer is not going to be topped within open time, broadcast silica sand into resin lightly but uniformly and allow to cure overnight.

SEAL COAT

MIXING AND APPLICATION

DO NOT PREMIX PART B HARDENER.

1. Premix 4687A (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 2 parts 4687A (resin) to 1 part 4687B (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 4687 using a 1/4" nap roller at a spread rate of 250-400 square feet per gallon, evenly, with no puddles making sure of uniform coverage. Take care not to puddle materials and ensure even coverage. If a second coat is required, the surface must be abraded with 80-120 grit paper or screen and tack wiped prior to second application.
4. Allow to cure for 24 hours minimum. Repeat Steps 1-4.
5. Allow to cure for 24 hours minimum before opening to traffic. In cool and/or high humidity conditions, a surface film may form which can be washed with soap and water.

For different optional seal coats such as 3746 High Performance Epoxy, consult individual technical data sheet for mixing and application instructions.

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 MSDS sheet before use. All applicable federal, state, local and particular plant safety guidelines must be followed during the handling and 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- 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 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

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