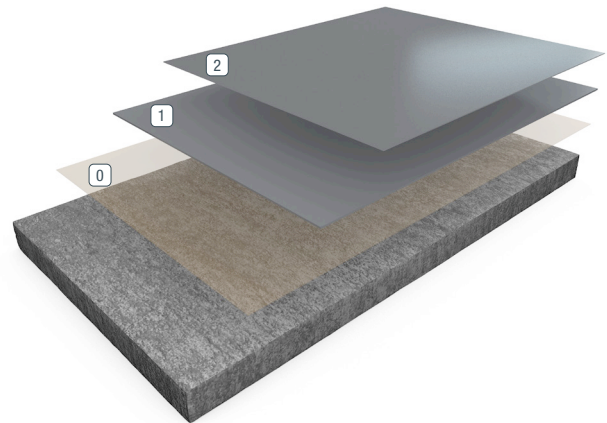


RESUFLOOR™ TOPCOAT FX

Sherwin-Williams Resufloor Topcoat FX

is designed for interior concrete floors that require an impact resistant, high-gloss, easy to maintain finish. This 35 mil system is resistant to staining and chemical attack from certain common acids, alkalies, fuels, grease, salt and Skydrol™.



0 Clear Primer

2 Gray Coat

1 Gray Coat

BENEFITS

- Excellent gloss retention
- Chemical and stain resistant
- Impact resistant
- Resists heavy wear and abrasion
- 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	35 mgs lost
Resistance to Elevated 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 160 passes Reverse, inch pound greater than 110 passes

ASTM D = Resin only

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 Resufloor Topcoat FX. 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. 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 60-90°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 off gassing. The material 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	200 sq. ft. / gal	3 or 15 gals
<50 g/L	Wearcourse	3555	1:1	80 sq. ft. / gal.	2 or 10 gals
<250g/L	Seal Coat	4687	2:1	250-400 / sq. ft.	3 or 15 gals

For different optional seal coats, such as 4685 Poly-Cote, consult individual technical data sheet for mixing and application instructions.

PRIMER

MIXING AND APPLICATION

1. 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. To ensure proper system cure and performance, strictly follow mix ratio recommendations.
2. 3579 may be applied via spray, roller or brush. Apply at a spread rate of 200 sq. ft. per gallon, evenly, with no puddles. Coverage will vary depending upon porosity of the substrate and surface texture.
3. Wait until primer is tacky (usually 1 hour minimum), before applying the base coat.

MEMBRANE

MIXING AND APPLICATION

1. Premix 3555A (resin) 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 3555A (resin) to 1 part 3555B (hardener). Mix with low-speed drill and Jiffy blade for three minutes until uniform. Apply material using a 1/4" v-notched trowel or 1/4" v-notched squeegee and backroll with a looped roller at a spread rate of 80 sq. ft. per gallon to yield 20 mils WFT.
3. Allow to cure. (Cure times vary depending on environmental conditions.)

SEAL / FINAL 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 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 4685 Poly-Cote, 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 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 (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

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