EPOXY COVE BASE SYSTEM

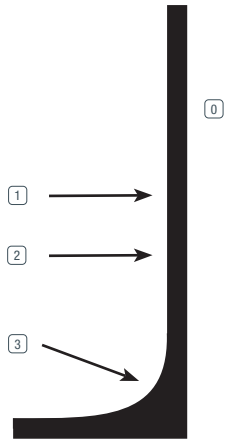
Sherwin-Williams Epoxy Cove Base System is an epoxy system designed to be used as an integral part of the flooring system. The vertical portion can be installed to any height at 1/16" to 1/4" thickness.

BENEFITS

- Seamless

USES

- Commercial kitchen coolers and walk-in boxes
- Packing and storage areas
- Pharmaceuticals
- Chemical production
- Laboratories
- Food and beverage facilities
- Showers and bathrooms



0 **Wall**

1 **Primer / Epoxy Cove Mortar**

2 **Grout / Seal Coat**

3 **4 Inch - 6 Inch High Resinous Flooring Cove Base With 3/4 Or 1 Inch Radius Cove**

TYPICAL PHYSICAL PROPERTIES

Color	Standard Floor Colors Computerized custom color matching available upon request
Compressive Strength ASTM C 579	10,000 psi
Tensile Strength ASTM C 307	2,000 psi
Flexural Strength ASTM C 580	3,800 psi
Adhesion ACI 503R	300 psi
Abrasion Resistance ASTM D 4060, CS-17 Wheel	1,000 cycles
Impact Resistance MIL-D-3134, Sec.4.7.3	Withstands 16 ft lbs. without cracking, delamination or chipping
Flammability	Self-extinguishing over concrete
Resistance to Elevated Temperatures MIL-D-3134J	Temperature of 158°F

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 Epoxy Cove Base System. 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 depending upon system selected. 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 50-90°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. Protect material from freezing prior to installation.

APPLICATION INFORMATION — SURFACE PREP PROFILE CSP 4-6

VOC MIXED	APPLICATION STEP	MATERIAL	MIXED RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<50 g/L	Primer	3561V	4:1	250 sq. ft. / gal	12.5 - 25 gals
<50 g/L	Binder Resin	3561V	4:1	45-50 linear ft @ 4” by 1/8” - 1” radius	1.25 or 5 gals
<50 g/L		3561V	4:1	30-35 linear ft @ 6” by 1/8” - 1” radius	1.25 or 5 gals
0	Aggregate Blend			50-60 lbs. / 1.25 gals	50 lbs.
<50 g/L	Grout	3746	2:1 Premeasured units	100 sq. ft. / gal	3 or 15 gals
<50 g/L	Seal Coat	3746	2:1 Premeasured units	200 sq. ft. / gal	3 or 15 gals

For additional topcoat options, consult the Sherwin-Williams Topcoat Selection Guide or contact your Sherwin-Williams representative.

PRIMER

MIXING AND APPLICATION

1. Premix 3561VA (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 3561VA (resin) and 3561B (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. 3561V may be applied via roller or brush. Apply 5-6 mils, evenly, with no puddles. Coverage will vary depending upon porosity of the substrate and surface texture.
4. Mortar must be applied while primer is tacky. Prime only what can be installed within three hours. If primer loses its tack, re-prime the surface.

MORTAR

MIXING AND APPLICATION

1. Premix 3561VA (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to whip air into the material.
2. Add 4 parts 3561VA (1 gallon resin) to 1 part 3561B (1 quart hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform. Place mixed 3561V into blade. Slowly add 50-60 pounds of Aggregate Blend. Mix until aggregate is thoroughly “wet out.” Immediately trowel material vertically using a cove tool or other approved tool. Do not mix more material than can be applied in 45-60 minutes.
3. Allow to cure overnight.

GROUT COAT

MIXING AND APPLICATION

1. Premix 3746A (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to whip air into the material.
2. Add 2 parts 3746A (resin) to 1 part 3746B (hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform.
3. Apply 3746 using a steel trowel or red rubber squeegee and back roll using a 1/4” nap roller at a spread rate of 100 sq. ft. per gallon to yield 16 mils WFT.
4. Allow to cure overnight.
5. Apply additional grout coats if needed.

SEAL COAT

MIXING AND APPLICATION

1. Premix 3746A (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to whip air into the material.
2. Add 2 parts 3746A (resin) to 1 part 3746B (hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform.
3. Apply 3746 using a steel trowel or red rubber squeegee and back roll using a 1/4” nap roller at a spread rate of 200 sq. ft. per gallon to yield 8 mils WFT.
4. Allow to cure overnight.

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-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.

High Performance Flooring
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