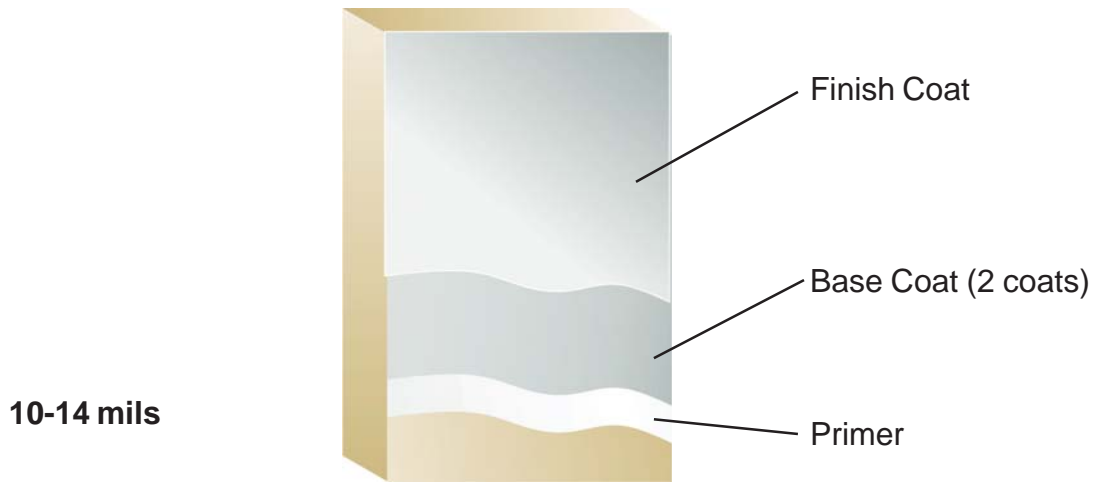




# SANIGLAZE® HIGH BUILD WALL SYSTEM

General Polymers SANIGLAZE HIGH BUILD WALL system is a multilayer, high build wall and ceiling surfacing systems utilizing an epoxy base coat and top coat for durability. The system is available with two coats providing unique crack bridging and impact resistance.



### Advantages

- Smooth and durable
- Highly washable surface
- VOC compliant, Low odor permits installation during normal working hours

### Uses

- Commercial kitchens
- Animal Care, Pharmaceutical facilities
- Healthcare, Clean rooms
- Food and Beverage facilities
- Locker rooms, showers and restrooms
- Packaging and storage areas

### Typical Physical Properties

Color	White Can be tinted at SW Store
VOC (Volatile Organic Content)	
EPA Method 24	Compliant
SCAQMD Method 304	Compliant
Resistance to Moisture	Excellent
Thermal Shock	Excellent
Adhesion to Concrete	Excellent
Fungus & Bacteria Resistance MIL-D-3134F Sec. 4.4.2.11	Will not support growth of fungus or bacteria per test specified TT-P-34
Adhesion ACI 503R	325 psi Substrate failure
Flammability	Self-Extinguishing over concrete
Resistance to Elevated Temperatures MIL-D-3134J	No slip or flow at required temperature of 158°F

## Installation

General Polymers materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the SANIGLAZE WALL AND CEILING SYSTEM. Contact the Technical Service Department for assistance prior to application.

### Surface Preparation - General

General Polymers 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 Technical Service Department prior to starting the project. Refer to Surface Preparation (Form G-1).

### Surface Preparation - Concrete

Consult the Surface Preparation (Form G-1) for surface preparation for gypsum board, concrete block, plywood or concrete masonry unit (CMU).

### Temperature

Throughout the application process, substrate temperature should be 60°F - 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 offgassing. The material should not be applied in direct sunlight, if possible. Protect materials from freezing.

## Application Information

Material	Mix Ratio	Theoretical Coverage Per Coat Concrete	Packaging
Primer as needed 3479	2:1	400-500 sq. ft. / gal	3 or 15 gals
Base Coat 3479 (2 coats @ 6-8 mils)	2:1	200-250 sq. ft. / gal	3 or 15 gals
Optional Finish Coat 4408	3:1	400-500 sq. ft. / gal	4 or 20 gals

**If an additional coat of 4408 is required, the surface should be sanded with a fine grit medium, (100 grit or finer), and then solvent wiped prior to recoating, even if within the recoat window.**

**Different optional seal coat(s) - Consult individual Technical Data Sheet for mixing and application instructions.**

4685W Poly-Cote Wall Coating

## **Block Filler** **Optional**

BLOCK FILLER may be used to smooth texture. Contact your local Sherwin-Williams Store.

## **Primer** **Mixing and Application**

1. Premix 3479A (resin) and 3479B (hardener) separately, using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to introduce air into the material.
2. Add 2 parts 3479A (resin) to 1 part 3479B (hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. DO NOT mix more material than can be used within 4 hours.
3. Apply 3479 using a 3/8" nap roller as needed, evenly, with no runs. Coverage will vary depending upon porosity of the substrate and surface texture. Allow to cure 2-4 hours depending upon humidity before applying base coat.

## **Base Coat** **Mixing and Application**

1. Premix 3479A (resin) and 3479B (hardener) separately, using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to introduce air into the material.
2. Add 2 parts 3479A (resin) to 1 part 3792B (hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. DO NOT mix more material than can be used within 4 hours.
3. Apply 3479 using a 3/8" nap roller at a spread rate of 200-250 sq. ft. per gallon, evenly, with no runs. Coverage will vary depending upon porosity of the substrate and surface texture. Allow to cure 4-8 hours before applying second coat. Repeat Steps 1-3.
4. Allow to cure for a minimum of 6-8 hours depending upon air movement, temperature and humidity before applying optional finish coat.

## **Finish Coat** **Mixing and Application**

1. Premix 4408 (resin) using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to introduce air into the material.
2. Add 3 parts 4408A (resin) to 1 part 4408B (hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.
3. 4408 may be applied via spray, roller or brush. Apply using a 1/4" nap non-shedding, urethane enamel roller at a spread rate of 400-500 sq. ft. per gallon to yield 3-4 WFT mils evenly with no runs.
4. Allow to cure 18-24 hours before applying optional second coat. If beyond 24 hours abrade the first coat with 100 grit screen/paper.
5. Allow 24 hours minimum before water exposure.

**Different optional seal coat(s) - Consult individual Technical Data Sheet for mixing and application instructions.**

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## **Material Storage**

Store materials in a temperature controlled environment (50°F - 90°F) and out of direct sunlight.

Keep resins, hardeners, and solvents separated from each other and away from sources of ignition. One year shelf life is expected for products stored between 50°F - 90°F.

## **Maintenance**

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

## **Shipping**

- Destinations East of the Rocky Mountains are shipped F.O.B. Cincinnati, Ohio.
- Destinations West of the Rocky Mountains are shipped F.O.B. Victorville, California.

For specific information relating to international shipments, contact your local sales representative.

## 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(s) offered at the time of publication. Published technical data and instructions are subject to change without notice.

Consult [www.generalpolymers.com](http://www.generalpolymers.com) 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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