

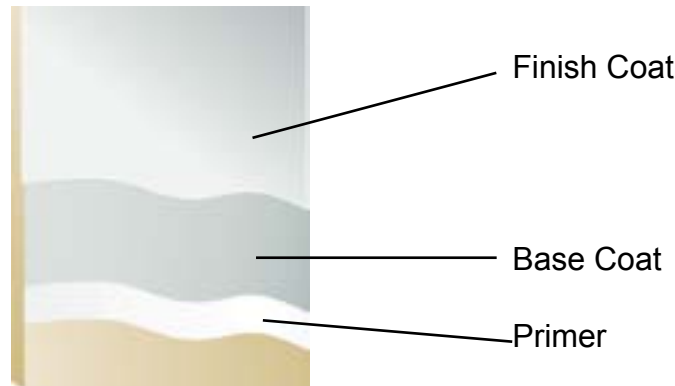


SANIGLAZE® II

WALL SYSTEM

General Polymers SANIGLAZE II Wall System utilizes a technologically advanced waterborne resin system that provides significant improvements over typical waterborne systems. SaniGlaze II provides a chemical resistant, colorfast, washable and sanitary surface that can serve as part of a fully integrated wall, ceiling and flooring system in areas subject to heavy use and aggressive sanitation procedures. Optional block filler for overlayment of new or existing concrete block wall to eliminate block lines for improved cleanability and smooth appearance.

6-12 mils dft



Advantages

- Smooth and durable
- Highly washable surface

Uses

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

Typical Physical Properties

Abrasion Resistance ASTM D 4060, CS17 wheel, 1,000 cycle	25 mg loss
Accelerated Weathering QUV ASTM D 4587 QUV-A 2000 hrs	Passes
Adhesion ASTM D 4541	550 psi
Direct Impact Resistance ASTM D 2794	>160 in lb
Dry Heat Resistance ASTM D 2485	200°F (93°C) constant 250°F (121°C) intermittent
Flexibility ASTM D 522, 180° bend 1/8" mandrel	Passes
Pencil Hardness ASTM D 3363	3H
Salt Fog Resistance ASTM B 117, 4,000 hrs.	Rating 9 per ASTM D 610 for rusting
Thermal Shock ASTM D 2246, 10 cycles	Passes

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 II Wall 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 50°F – 90°F. Substrate temperature must be at least 5°F above the dew point. Applications on concrete substrates should occur while temperature is falling to lessen offgassing. The material should not be applied in direct sunlight, if possible. Protect material from freezing prior to installation.

Application Information

VOC MIXED		MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<100 g/L	Optional Block Filler Concrete Masonry	3513	3:1	Varies according to porosity and texture	2 gals
<200 g/L	Wall Board / Smooth Concrete Primer, if necessary	Water based TileClad	4:1	176-352 sq. ft./gal (4.5-9 WFT)	1.25 or 5 gals
<100 g/L	Base Coat	Water based TileClad	4:1	176-352 sq. ft./gal (4.5-9 WFT)	1.25 or 5 gals
<100 g/L	Optional Topcoat	Water based Acrolon 100	4:1	195-390 sq. ft./gal (4-8 WFT)	1.25 or 5 gals

Different optional seal coat(s) - Consult individual Technical Data Sheet for mixing and application instructions.
GP4685W Poly-Cote Wall Coating

Optional Block Filler / Concrete Masonry

Mixing Instructions

Temperature: Do not apply when product or ambient or surface temperatures are below 50°F (10°C). Surface temperature must be at least 5°F (3°C) above dew point.

Apply Epoxy Scratch Coat Mastic as required by the condition of the concrete to provide a smooth surface. Stir each component with power agitation prior to mixing. Mix 3 Parts 3513A to 1 Part 3513B by volume. Mix with low speed drill and Jiffy blade for three minutes until uniform.

Spreading Rate:
Spreading Rate depends on the condition of the concrete. Normal coverage is 100 to 150 sq. ft. per gallon.

Mortar Joints
Strike off mortar joints using a steel trowel prior to filling the block. Allow to cure 6-24 hours, sand or grind to smooth.

Block
Apply over block to smooth with a steel trowel. Sand or grind prior to applying coatings.

Primer, if necessary Water based Tile-Clad

Wall Board / Smooth Concrete

Mixing and Application

Mix contents of each component thoroughly using a low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine 4 Parts by volume of Part A with 1 Part by volume of Part B. Thoroughly agitate the mixture with power agitation. Allow the material to sweat-in as indicated prior to application. Restir before using. Apply at a spread rate of 176-352 sq. ft. If reducer is used, add only after both components have been thoroughly mixed, after sweat-in.

Optional Topcoat Water based Acrolon 100

Mixing and Application

Mix contents of each component thoroughly using a low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine 4 Parts by volume of Part A with 1 Part by volume of Part B. Mix thoroughly with slow speed agitation. Reduce 5% - 15% by volume with water for brush and roll application. Apply at a spread rate of 195-390 sq. ft. per gallon to yield 4-8 mils WFT.

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

4685W Poly-Cote Wall Coating

Application Equipment

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics.

Reducer / Clean up	Water
<u>Airless Spray</u>	
Pressure	2000 spi
Hose	1/4' id
Tip	.015" - .017"
Filter	60 mesh
Reduction	As needed up to 10% by volume
<u>Conventional Spray</u>	
Gun	DeVilbiss MBC-510
Fluid Tip	E
Air Nozzle	704
Automation Pressure	40-60 psi
Fluid Pressure	10-20 psi
Reduction	As needed up to 10% by volume
<u>Brush</u>	
Brush	Nylon / Polyester
Reduction	As needed up to 10% by volume
<u>Roller</u>	
Cover	3/8" woven with solvent resistant core
Reduction	Not Recommended

If specific application equipment is not listed above, equivalent equipment may be substituted.

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

Refer to the MSDS sheet before use. 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°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 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 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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