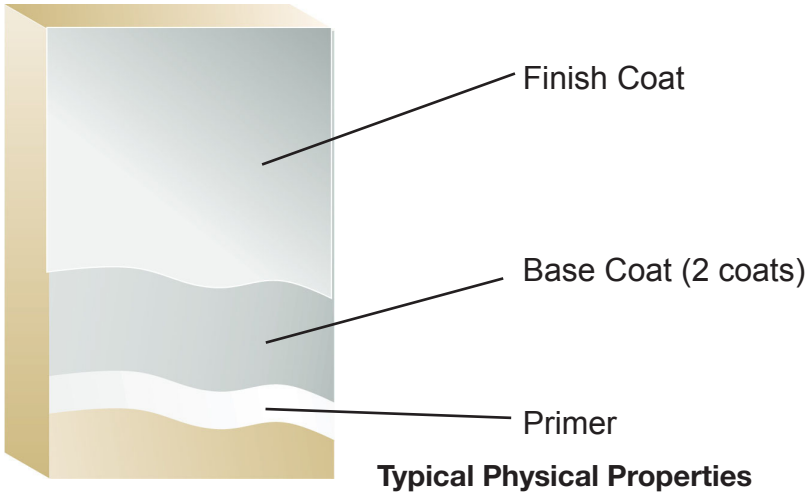
SANIGLAZE®

HIGH BUILD WALL SYSTEM

General Polymers SANIGLAZE High Build Wall System is a multilayer, water-based high build wall and ceiling surfacing systems utilizing an epoxy base coat and an optional water-based polyurethane as finish coat for color stability.

10-14 mils



Advantages

- Smooth and durable
- Highly washable surface

Uses

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

Limitations

Avoid gypsum based substrate or repair materials in continuously wet areas

Typical Physical Properties

Color	White Can be tinted at SW Store
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	300 psi Substrate failure
Flammability	Self-Extinguishing over concrete
Resistance to Elevated Temperatures MIL-D-3134J	No slip or flow at required temperature of 158ºF

ASTM D = Resin only

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 50ºF – 90ºF. Substrate temperature must be at least 5ºF 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 material from freezing prior to installation.

Application Information

VOC MIXED		MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<100 g/L	**Primer**	3479	2:1	300-350 sq. ft./gal	3 or 15 gals
<100 g/L	**Base Coat 2 coats @ 3-5 mils**	3479	2:1	300-350 sq. ft./gal	3 or 15 gals
<50 g/L	**Optional Finish Coat**	4410/4411	4:1	400-500 sq. ft./gal	1.25 or 5 gals

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 whip air into the materials.

2. Add 2 parts 3479A (resin) to 1 part 3479B (hardener), mix with low speed drill and Jiffy blade for three minutes and until uniform. Apply material using a 1/4" short nap roller at a spread rate of 300-350 sq. ft. per gallon to yield 4-5 mils WFT depending upon substrate.

3. Allow to cure for a minimum of 3 hours depending upon air movement.

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 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 at a spread rate of 300-350 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 Optional
Mixing and Application

1. Premix 4410/4411 (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 4 parts 4410/4411A (resin) to 1 part 4410/4411B (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. 4410/4411 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. If a second coat of 4410/4411 is required, recoat at 4-18 hours and no additional prep is required. If the first coat has cured more than 18 hours; abrade the first coat with 100 grit paper or screens to remove gloss then solvent wipe prior to application of the second coat.

5. Allow 24 hours minimum before water exposure.

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 (50ºF – 90ºF) 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.

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.

To learn more, visit us at

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to have a representative contact you.

Protective & Marine Coatings 12/17