

Technical Data Sheet



3479

Water-Based Epoxy Floor and Wall Coating

PRODUCT DESCRIPTION

General Polymers 3479 WATER-BASED EPOXY FLOOR AND WALL COATING produces a gloss, tough and cleanable finish. 3479 WATER-BASED EPOXY FLOOR AND WALL COATING has excellent hiding properties and provides a quick turnaround, economical two coat system. Its low odor and quick recoat window allows installation without interruption of other trades on vertical or horizontal surfaces.

ADVANTAGES

- Excellent adhesion to most substrates
- Meets USDA requirements for use in federally inspected facilities
- Gloss finish
- Long pot life but fast dry times
- Easy to apply, less roller lint
- Tough as epoxy but applies like a latex
- Low odor, low VOC
- Provides a durable, easily cleanable surface
- Improved chemical resistance versus latex or acrylic paints
- can be tinted

TYPICAL USES

3479 WATER-BASED EPOXY FLOOR AND WALL COATING can be used in facilities requiring sanitary floor and wall surfaces including pharmaceutical, food, beverage, healthcare, kitchens, bath and washroom areas, clean room environments and correctional / institutional facilities.

LIMITATIONS

- Substrate must be structurally sound, cured and free of bond inhibiting contaminants.
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50F. Substrate temperature must be least 5F above the dew point (for lower temperature installation contact General Polymers).
- When required, adequate ventilation and proper clothing shall be provided.
- Extinguish all sources of ignition during the entire installation cycle.
- Strictly adhere to published coverage rates.

TYPICAL PHYSICAL PROPERTIES @ 73F

Color	White
Mix Ratio A:B	2:1
Solids, by volume	47%
VOC (Volatile Organic Content)	
EPA Method 24	Compliant
SQAQMD Method 304	Compliant
Coverage	300-350 sq. ft.
Cure Time	Dry to Touch 60-90 minutes
	Recoat 3-4 hours
Resistance to Moisture	Excellent
Thermal Shock	Excellent
Adhesion to Concrete	Excellent

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical. Read and follow the "Instructions for Concrete Surface Preparation" (Form G-1) for complete details.

STORAGE / APPLICATION

- Store materials in accordance instructions, with seals and labels intact and legible. 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. **DO NOT ALLOW MATERIAL TO FREEZE.**

• APPLICATION INSTRUCTIONS

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" or 3/8" nap roller at a spread rate of 300-350 sq. ft. per gallon to yield 5 mils WFT depending upon substrate.

3. Allow to cure for a minimum of 3-4 hours depending upon air movement before applying next coat.

* 3479 Water Based Epoxy Wall Coating should only be used on unpainted, porous surfaces. If the surface is painted with latex or an epoxy coating, clean and abrade the surface then apply the 3479 base coat. Strictly follow mix ratio recommendations.

CHEMICAL RESISTANCE

For comprehensive chemical resistance information, consult the Chemical Resistant Guide and contact the Technical Service Department.

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. All applicable 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.

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.

