



Protective & Marine Coatings

GENERAL POLYMERS® 4503 TERRAZZO ACRYLIC SEALER

GP4503

SERIES

Revised September 23, 2014

PRODUCT INFORMATION

PRODUCT DESCRIPTION

GENERAL POLYMERS 4503 TERRAZZO ACRYLIC SEALER is a single component acrylic resin solution which dries to form a clear, non-yellowing protective film. It exhibits excellent clarity and resistance to color change from ultra-violet exposure. GENERAL POLYMERS 4503 TERRAZZO ACRYLIC SEALER effectively seals porous and worn surfaces against dusting, moisture penetration, staining, wear and dirt pick-up. It provides a surface that is easy to clean and maintain and can be used in interior as well as exterior applications.

ADVANTAGES

- Non-yellowing
- Seals against moisture penetration
- Stain resistant
- For interior and exterior use
- Brings out colors in aggregate

TYPICAL USES

GENERAL POLYMERS 4503 TERRAZZO ACRYLIC SEALER is ideally suited as a sealer for General Polymers Thin-set Terrazzo floor systems and is an excellent choice for sealing old and new concrete floors. It is also used as an exterior sealer for ramps, decks, sidewalks, slate and exposed aggregate surfaces.

LIMITATIONS

- Substrate must be structurally sound, dry and free of bond inhibiting contaminants.
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50°F (10°C) Substrate temperature must be least 5°F (3°C) above the dew point.
- Maximum dry surface temperature not to exceed 160°F (71°C).
- When required, adequate ventilation shall be provided and proper clothing and respirators worn.
- All foodstuffs must be removed from the work area and areas subject to fumes during the installation and initial cure.
- **Strictly adhere to published coverage rates.**

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.

PRODUCT CHARACTERISTICS

Color:	Clear
Mix Ratio:	Single Component
Volume Solids:	23% ± 2%
Weight Solids:	21% ± 2%
VOC (EPA Method 24):	<250 g/L mixed; 2.09 lb/gal
Flammability:	Self-extinguishing over concrete

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns):	2 (50)	3 (75)
~Coverage sq ft/gal (m²/L):	500 (12.7)	750 (19.1)

Drying Schedule @ 3 mils (75 microns) wet:

	@ 77°F (25°C)
To touch:	30 minutes
To recoat:	4 hours minimum
Light Traffic:	overnight
Heavy Traffic:	72 hours

Shelf Life: 36 months, unopened
Store indoors at 50°F (10°C) to 90°F (32°C)

Flash Point: 80°F (27°C), PMCC

CHEMICAL RESISTANCE TESTS

24 HOURS UNDER A WATCH GLASS, WASHED WITH WATER,
ALLOWED TO RECOVER FOR 30 MINS, THEN OBSERVED

	Results
Alkali:	
2% NaOH	No Effect
5% Tide	No Effect
Gasoline	Dulling
Brake Fluid	Dulling
Transmission Fluid	No Effect
Motor Oil	No Effect



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APPLICATION

• APPLICATION INSTRUCTIONS

1. Wait at least 24 hours after washing or after rain before applying. Apply under very dry conditions only. Application to a damp surface may cause a hazy appearance or loss of adhesion.
2. Air and surface temperature should be between 50°F and 90°F for 24 hours following application.
3. Do not over apply
4. Stir thoroughly before and during application
5. Do not reduce
6. Stir slowly, do not shake. Avoid whipping air into the sealer.

ORDERING INFORMATION

Packaging: 5 gallon (18.9L) containers
Weight: 6.9 ± 0.2 lb/gal ; 0.69 Kg/L

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.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

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 Product Data Sheet 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 your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

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.