



4502

Acrylic Sealer

PRODUCTION DESCRIPTION

General Polymers 4502 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. 4502 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

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

TYPICAL USES

4502 ACRYLIC SEALER 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

- Slab on grade requires vapor/moisture barrier.
- 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 50F. Substrate temperature must be least 5F above the dew point (for lower temperature installation contact the Technical Service Department).
- Maximum dry surface temperature not to exceed 160F.
- **Strictly adhere to published coverage rates.**
- All foodstuffs must be removed from the work area and areas subject to fumes during the installation and initial cure.

TYPICAL PHYSICAL PROPERTIES @ 73F

Mix Ratio	Single Component	
Color	Clear	
VOC (Volatile Organic Content)		
EPA Method 24	Compliant	
SCAQMD Method 304	Compliant	
Coverage	500-750 sq. ft.	
Cure Time	Dry to Touch	2 hours
	Recoat	3 hours min.
	Light Traffic	24 hours min.
	Full Cure	3 days
Abrasion Resistance	100 mgs lost	
ASTM D 4060, Type Wheel, CS17 1,000 Cycles		
Gloss	80 milage units	
60° Gloss Meter @ 73F, 50% RH		
Slip Resistance	Meets ADA Recommendations	

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

- **MATERIAL DELIVERY AND STORAGE**
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.

• APPLICATION INSTRUCTIONS

1. Completely strip off all old floor finish using a heavy duty floor stripper.
2. Remove all traces of stripper and old finish. Rinse floor 2 or 3 times with cool clear water. Allow floor to dry completely before coating the surface.
3. Pour 4502 ACRYLIC SEALER into a clean mop bucket. Use a clean string mop free of all sizing. Saturate mop with floor finish and wring out until mop is damp but not dripping.
4. Apply 4502 ACRYLIC FLOOR SEALER in thin to medium coats 2-3 mils. Apply multiple coats in order to produce the desired gloss.

NOTE: Since no two floors are the same, the number of coats applied will vary. Wait until the finish is dry to the touch, then wait an additional 15 minutes before application of the next coat.

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.

