

RESUGRIP™ 250

VEHICULAR GRADE TWO COMPONENT EPOXY FLOOR AND DECK COATING

PART A
PART B

GP3110A
GP3110B01

SERIES
HARDENER

Revised: June 1, 2023

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUGRIP 250 is a two component epoxy anti-slip floor and deck coating engineered to offer anti-slip protection in areas with rolling vehicular and heavy pedestrian traffic.

ResuGrip 250 is suitable for marine and industrial environments. It is easy to apply and offers excellent adhesion to concrete, wood and metal surfaces.

ResuGrip 250 has excellent chemical resistance to oil, gasoline, acids, caustics, hydraulic fluids and most solvents.

ResuGrip 250 has self extinguishing properties in its cured state.

ResuGrip 250 is USDA acceptable.

PRODUCT CHARACTERISTICS

Color:	Medium Gray, Black, Tile Red, and Safety Yellow. Custom colors are available and subject to minimum order requirements.
Volume Solids:	68% ± 2%, mixed, may vary by color
VOC:	<250 g/L; 2.09 lb/gal, mixed
Mix Ratio:	1:1 by unit
Coefficient of Friction:	Dry: 1.05 ; Wet: 1.05 (ASTM F609)
Theoretical Coverage:	40 ft ² /gallon (roller), 50 ft ² /gallon (trowel), 60 ft ² /gallon (sprayed)

Drying Schedule:

	@ 60°F/16°C	@ 70°F/21°C	@ 90°F/32°C
Light Traffic:	15 hours	12 hours	8 hours
Heavy Traffic:	60 hours	48 hours	30 hours
To Cure:	12-14 days	7-10 days	5 days
Pot Life:	4 hours at 70°F/21°C		

Drying time is temperature, humidity, and film thickness dependent.

Shelf Life:	24 months, unopened.
Flash Point:	Part A: 100°F (38°C) Part B: 89°F (32°C)
Reducer:	None
Clean Up*:	Acetone

*Clean up mixing and application equipment immediately after use, in VOC restrictive areas (VOC ≤25 g/L, or ≤3%), with acetone. Other, less restrictive areas (>25 g/L or >3%), use acetone or MEK. Choose a cleaner that is compliant in your area. Confirm compliance with state and local air quality rules before use.

SURFACE PREPARATIONS

Concrete: Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Remove any paint, laitance or loose concrete by scarification or blasting. Smooth or glazed surfaces should be roughened to improve adhesion. New concrete should be cured for at least 30 days prior to application. All release agents, hardeners or sealers must also be removed as they may interfere with adhesion. Primer required.

Metal: All surfaces must be clean, dry and free of surface contamination. The surface should be prepared to a minimum Commercial Blast per SSPC-SP 6. Prime blasted surfaces immediately to prevent flash rust.

Wood: Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Sand the surface to remove loose material and to create a surface profile for application. Primer required.

Fiberglass: Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Sand the surface to remove loose material and to create a surface profile for application. Primer required.

RECOMMENDED SYSTEMS

Primer Recommendations:

Concrete: Resufloor Aqua 3477 or Resufloor 3579

Metal: Macropoxy 646, Seaguard 6000, or Seaguard 5000

Wood: Resufloor Aqua 3477 or Resufloor 3579

Fiberglass: Macropoxy 646, Seaguard 6000, or Seaguard 5000

TINTING

Do not tint.

ORDERING INFORMATION

Packaging:

Part A: 0.87 gallons (3.3L) in 1 gallon (3.8L) cans.

Part B: 0.09 gallons (0.3L) in quarts.

Kit: A 6.5 gallon (24.6L) pail containing 4.33 gallons (16.4L) of Part A and 0.48 gallons (1.8L) of Part B.

Weight: 14.46 ± 0.2 lb/gal ; 1.78 Kg/L - mixed, may vary by color

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APPLICATION EQUIPMENT

Roller: The best anti-slip characteristics are obtained when the product is applied by roller. For best results, do not thin and apply using a phenolic core roller on even surfaces. On irregular surfaces use a bristle core roller or short nap roller.

To roll, pour a strip of the anti-slip coating approximately 2 inches long and 6 inches wide on the surface being coated. Roll by pulling the material toward you in slow straight strokes. Roll material in one direction only.

Use a modest amount of downward pressure on the roller. It is important that the rolled profile expose the maximum amount of nonslip aggregate. If the aggregate is not properly exposed, the coating may become slippery when wet. Make sure coating is even without any thick puddles. If the coating is too heavy, it may not cure properly.

Spray: This coating can be sprayed using Mastic Spray Equipment. Sprayed applications will provide a uniform appearance with good anti-slip properties.

To spray, use a minimum of a 5 gallon bottom outlet pressure pot equipped with a double regulator and air driven agitator with a 1" I.D. outlet pipe.

Use a maximum of 25 feet of 3/8" hose for air and a maximum of 25 feet of 3/4" hose for the material.

The spray gun should be equipped with a 1/4" fluid nozzle and a 1/4" internal air cap.

Minimum air supply is 20 CFM at 90 lbs. pressure.

Material pressure should be 15-20psi.

Fluid pressure should be 20-25 psi.

Maintain constant agitation of the product to insure the aggregate does not settle out during application.

Spray at a distance of 16-24 inches from the surface.

Trowel: ResuGrip 250 may be applied with a smooth trowel such as a flexible plasterer's finishing trowel. Use a trowel of about 4 inches by 12 inches for best results. Pour a strip of ResuGrip 250 on the surface approximately 2 inches long and 6 inches wide. Hold the trowel at a 45° degree angle to the surface and spread with a full motion. Reverse the angle of the trowel for an opposite stroke. Pull the material toward you to give the proper appearance.

APPLICATION PROCEDURES

ResuGrip 250 is designed to be applied over a primer or sealer.

Mixing should be done with a mechanical mixer such as a pneumatic drill motor with a Jiffy® mixing blade. Premix the base component for several minutes making sure all material is lifted off the bottom and uniformly mixed. Pour the entire contents of the hardener container into the base component. Mix thoroughly as described above for 3-5 minutes until contents are a uniform color.

Apply at surface temperatures between 50°F (10°C) and 130°F (54°C). Application below 50°F (10°C) is not recommended as material may not cure properly. Protect exterior applications from rain for at least 24 hours.

PERFORMANCE TIPS

Maintain a clean surface to ensure the maximum performance from the anti-slip coating. The following cleaning procedure is recommended:

Foreign matter such as chewing gum should be removed with a scraper or putty knife.

Use an all purpose biodegradable cleaner/degreaser mixed with water to clean the surface. Scrub the surface with a long handled, fiber bristled brush or floor machine.

Rinse with clean water and dry.

Note: While Sherwin-Williams anti-slip coatings are very durable, they are not a permanent coating solution and will require occasional touch up, especially in heavy traffic areas.

Safety precautions: This product is intended for professional use in an industrial environment only. Consult the Safety Data Sheet prior to application.

SAFETY PRECAUTIONS

Refer to the SDS 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.

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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