

## Randolph Products Company

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## RANDOGRIP 2500

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>Randogrip 2500 is a two component zero VOC fast curing epoxy antislip floor and deck coating. It has been engineered to provide antislip protection in areas with heavy rolling and pedestrian traffic.</p> <p>Randogrip 2500 is suitable for marine and industrial environments. It is easy to apply and has very little odor which makes it ideal for use in odor sensitive applications such as wineries, food processing facilities, hospitals and confined areas. It is designed to adhere to both metal and wood surfaces.</p> <p>Randogrip 2500 has been formulated to meet the strict requirements of South Coast Air Quality Management District Rule 1113.</p> <p>Randogrip 2500 has excellent chemical resistance to oil, gasoline, acids, caustics, hydraulic fluids and most solvents.</p> <p>Randogrip 2500 is USDA acceptable.</p> <p>Randolph Products Co. warrants that its products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should thoroughly test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or replacement in kind.</p> <p>Randolph Products Company 33 Haynes Circle Chicopee, MA 01020 Phone: 413-592-4191 Fax: 413-594-7321 www.randolphproducts.com</p>	<ol style="list-style-type: none"><li><b>Colors:</b> Black – 600K05 Tile Red – 600R01 Safety Yellow – 600Y02 Light Gray – 600D2501 Gray – 600D08</li><li><b>Solids by Volume:</b> 100 +/- 2%</li><li><b>VOC content:</b> 0 lbs/gallon (0 grams/liter)</li><li><b>Dry Time:</b> Light Traffic: 12 hours @ 70°F (21°C) 36 – 48 hours @ 40°F (4.4°C) Heavy Traffic: 24 hours @ 70°F (21°C) 72 hours @ 40°F (4.4°C) Full Cure 7 days @ 70°F (21°C) 21 days @ 40°F (4.4°C)</li><li><b>Coefficient of Friction:</b> Dry: 1.1 Wet: 1.0</li><li><b>Theoretical Coverage:</b> 40 ft<sup>2</sup>/gallon (trowel) 35 ft<sup>2</sup>/gallon (roller) 60 ft<sup>2</sup>/gallon (sprayed)<ul style="list-style-type: none"><li>Note: Bristle roller coverage will be lower than phenolic core roller</li></ul></li><li><b>Pot Life @ 70°F:</b> 1 gallon kit: 45 minutes 5 gallon kit: 30 minutes Pot life will increase at lower temperatures and decrease at higher temperatures.</li><li><b>Shelf Life:</b> Two Years</li></ol>	<p><b>Surface Preparation:</b> <b>Concrete:</b> Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residue 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. Prime the clean, dry surface with Randogrip WB Epoxy Surface Primer.</p> <p><b>Metal:</b> 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 with Randogrip Metal Primer to prevent flash rust.</p> <p><b>Wood/Fiberglass:</b> Remove oil, grease 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. Prime wooden surfaces with Randogrip WB Epoxy Surface Primer. Prime fiberglass surfaces with Randogrip Metal Primer.</p> <p><b>Priming:</b> Metal surfaces should be primed with Randogrip Metal Primer. Concrete and Wood should be primed using Randogrip Porous Surface Primer to seal the surface. New Concrete should be allowed to cure for 30 days prior to coating. Concrete surfaces can be damp during application, but should not be covered with standing water.</p> <p><b>Mixing:</b></p>

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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.

**Roller Application**

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 Randogrip 2500 on the surface approximately 2 inches long and 6 inches wide. Roll by pulling the material toward you in slow straight strokes.

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 dry properly.

Protect exterior applications from rain for at least 24 hours.

Apply at surface temperatures between 40°F and 120°F. Application below 40°F is not recommended as material may become difficult to apply.

**Note:** If a less aggressive profile is desired, follow the above instructions using a phenolic core roller and then roller over it with a 3/4" nap roller or brush over the surface to knock down the peaks in the profile.

**Spray Application:**

**Spray:**

Randogrip 2500 can be sprayed using Mastic Spray Equipment. 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

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		<p>air and a maximum of 25 feet of 3/4" hose for the material.</p> <p>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.</p> <p>Material pressure should be 15 – 20 psi.</p> <p>Fluid pressure should be 20 – 25 psi.</p> <p>Maintain constant agitation of the product to insure the aggregate does not settle out during application.</p> <p>Spray at a distance of 16 – 24 inches from the surface.</p> <p>Apply at surface temperatures between 40°F and 120°F. Application below 50°F is not recommended as material may become difficult to apply.</p> <p><b>Surface Maintenance:</b></p> <p>Maintain a clean surface to ensure the maximum performance from the anti slip coating. The following cleaning procedure is recommended:</p> <p>Foreign matter such as chewing gum should be removed with a scraper or putty knife.</p> <p>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.</p> <p>Rinse with clean water and dry.</p> <p>A low pressure power washed can also be used to clean the surface.</p> <p><b>Note:</b> While Randogrip is extremely durable, it is not a permanent coating and will require occasional touch up, especially in heavy traffic areas.</p> <p><b>Safety Precautions:</b></p> <p>This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet prior to application.</p>
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