SlipDoctors®
LEADERS IN FLOOR SAFETY

MAX GRIP

TECHNICAL DATA SHEET

SlipDoctors® MAX GRIP is an acid-etch treatment designed to prepare concrete surfaces for epoxy coatings or to increase slip resistance on unsealed concrete and most stone surfaces.

TWO GREAT WAYS TO USE MAX GRIP!

Prep for Epoxy Coatings
- Easy to Apply
- Effective Acid Etch Solution
- Promotes Good Adhesion
- Increases Coating Durability
- Replaces Grinding to Prep Surface

Traction Improvement
- Increases Traction on Slippery Areas
- Quarry Tiles, Concrete, Natural Stone
- Swimming Pool / Spa Areas
- Driveways / Walkways
- Immediate Use after Application



Product Characteristics and Benefits

Surfaces	Refer to the information below for specific application purpose.
Color	Clear
Container Size	Gallon (3.78 L) (Drums/totes available by special order.)
Product Type	A Phosphoric Acid aqueous solution
Coverage	Up to 200-400 sq ft (18.5 - 37.1 m 2) per gallon
Mode of Application	Refer to the instructions below for specific application purpose.
Application Temperature	Above 40°F (4°C) surface temperature; evaporation may occur at higher temperatures.
Dry Time	N/A
Water/Stain Resistant	N/A
Chemical Resistant	N/A
Storage	50-80°F (10-27°C) Protect from freezing.
Shelf Life	5 Years
Limited Warranty	2 Years
Removal	N/A
Disposal	Dispose of container and unused contents in accordance with local, state and federal regulations.

Precautions & Technical Support

Please refer to Safety Data Sheet (SDS) for detailed Precautions and First Aid Instructions. Max Grip Safety Data Sheet can be found at www.slipdoctors.com

Technical Support:
Please contact SlipDoctors at support@slipdoctors.com

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Directions for Preparation, Application and Use

Read entire product label, Technical Data Sheet (TDS) & Safety Data Sheet (SDS) before using.

REQUIRED SAFETY EQUIPMENT	• Chemical-resistant gloves must be worn at all times. • Clothing to cover all skin areas. • Eye protection • Rubber boots • Mask (optional)
IMPORTANT NOTES	• Avoid solution contact with all metal and glass surfaces. If possible, remove these items temporarily from the area to be treated; or use waterproof duct tape or plastic to fully cover these surfaces. Take special precautions with drain covers in a shower, bathtub or wet area. When opening the container, keep the opened container on the surface that is to be treated in case of a spill. Do not set the bottle on countertops. Always use towels on the ground to avoid spills. • Not for use on vinyl, VCT, rubber, or any synthetic tile containing chemical resin binders, paint, glass fiber, or acrylic. May reduce gloss on highly polished marble, granite or high-gloss ceramic tile.
GENERAL SURFACE PREP	• MAX GRIP is intended for use on bare concrete surfaces. Not for use on previously coated floors. To properly etch the concrete, it must be free of any sealer or curing agents. Test for a sealer by lightly sprinkling water on the surface of the concrete. If the water droplets bead up rather than soak into the concrete, there is some type of sealer present. If this is the case and/or if the area has significant oil or grease stains, MAX GRIP will not be effective and an alternate method of surface preparation, such as planetary grinding, will have to be used.

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PREPARE CONCRETE FOR EPOXY COATINGS FOLLOW THESE INSTRUCTIONS TO PREPARE CONCRETE BEFORE APPLYING A COATING	
PURPOSE	To etch concrete in preparation for application of Epoxy and other coatings.
SURFACES	Properly prepared bare concrete surfaces
REQUIRED SUPPLIES	• Microfiber T-Mop, Nap Roller, or other applicator • Wet/Dry Vacuum or Squeegee (optional)
MODE OF APPLICATION	• Microfiber T-Mop, Nap Roller, or other applicator
1. PREPARE THE SURFACE	• Follow General Surface Prep instructions as described above. • Surface must be free of previous coatings, grease, oil, dirt, and other contaminants prior to application. • Prepare surface by sweeping the area. Degrease minor oil stains and rinse thoroughly. If significant oil/grease stains are present, use a planetary grinder to remove the stains before application.
2. FULL APPLICATION	• Remove all excess water by squeegee. Pour MAX GRIP directly from the bottle onto the surface and spread evenly over the entire area using a microfiber T-mop, nap roller, or other applicator. Allow MAX GRIP to remain wet on the surface. The suggested treatment time is 5-15 minutes. Thoroughly rinse the entire treated area with clean water and dry with wet vacuum or squeegee. • After the application is complete, the surface should have a texture that resembles a fine grit sandpaper. Repeat the process if necessary. • **<u>IMPORTANT:</u> After etching, allow the surface to dry completely before applying a coating. Refer to the chart below for recommended dry times.**

RECOMMENDED DRY TIMES BEFORE APPLYING A COATING

TEMPERATURE	MINIMUM DRY TIMES
75°F (24°C) and Above	24 Hours
50 - 60°F (10 - 15°C)	48 Hours
Below 50°F (10°C)	7 Days

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TRACTION IMPROVEMENT FOLLOW THESE INSTRUCTIONS TO TREAT SURFACES FOR INCREASING ANTI-SLIP TRACTION	
PURPOSE OF APPLICATION	To increase anti-slip traction on unsealed concrete and other surfaces.
SURFACES TO TREAT	Quarry Tiles, Unsealed Concrete, Natural Stone, Slate, Brick
REQUIRED SUPPLIES	• 2 buckets or 2 small tank sprayers • Microfiber T-Mop or Stone Grip Applicator (Do NOT use a string mop head) • Rubber-soled shoe for testing the floors before, during and after treatment • Wet/Dry Vacuum or Squeegee (optional) • Baking soda is required for neutralizer (preparation directions below)
MODE OF APPLICATION	• Sprayer, microfiber T-mop or Stone Grip Applicator.
A. PREPARATION	• **Surface Preparation:** Review General Surface Preparation instructions above. Thoroughly clean the surface prior to treatment using a pH-neutral commercial-grade detergent to remove all grease, oil, dirt, or other contaminants. Scrub with a stiff bristle brush, then thoroughly rinse with fresh water while continuing the scrubbing process. Rinsing can also be done using a pressure wash of 3,000-5,000 psi. The floor may need to be rinsed multiple times to remove all cleaning products.
B. PREPARE THE NEUTRALIZER	• Fill a bucket or small tank sprayer with clean tap water. Add one or two tablespoons of baking soda per gallon of water and mix well. Set aside to use when needed.

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TRACTION IMPROVEMENT

SURFACE PREPARATION & APPLICATION INSTRUCTIONS

C. PERFORM A TEST
ALWAYS TEST PRODUCT ON FLOORS FIRST!

- **Highly Polished Surfaces:** Treating highly polished surfaces requires shorter treatment times. MAX GRIP may reduce the shine on polished surfaces. Contact us at support@slipdoctors.com if you have questions.
- **Sample Testing:** Before initial treatment, test on one tile in an inconspicuous area of your floor. Thoroughly clean and dry the test tile. Spread a small amount of the solution completely over the test tile and note the time. **Do not let MAX GRIP dry on the surface. Do not pour from the bottle directly onto the surface.** Every 30 seconds, use a rubber-soled shoe to apply downward pressure and try to slide the shoe along the treated surface. When you feel you have achieved the level of slip resistance you desire, rinse the test tile with the prepared neutralizer. Make note of the total amount of time you left the solution on the tile. Typically, this time will be between 5-15 minutes (1-2 minutes for highly polished surfaces).
- **Review Test Results:** Once you have achieved an acceptable level of slip resistance and applied the neutralizer, thoroughly rinse and dry the test tile and inspect it carefully to determine if there is any visible change in appearance. If there is a visible change, you can perform another test on a different untreated tile and reduce the treatment time. Continue the testing process as before and inspect the new results. Once you are satisfied with the test results, you are ready to treat the remaining floor area. If you are unable to determine the correct treatment time for your flooring, please contact SlipDoctors Technical Support for assistance.

D. FULL APPLICATION

- **Apply to Remaining Floor Area:** Spread MAX GRIP using a tank sprayer or bucket and applicator on an area ONLY as large as can be covered and subsequently neutralized consistent with the treatment time determined by the testing process. **Do not let MAX GRIP dry on the surface. Do not pour from the bottle directly onto the surface.** It may be necessary to divide large areas into smaller sections for effective application. After the section has been treated for the same amount of time determined in the testing process, apply the neutralizer. Repeat process for all sections until the entire floor has been treated. Thoroughly rinse the entire treated area with clean water and dry with wet vacuum or squeegee. The surface is now ready for use.

E. MAINTENANCE

- To maintain your slip resistant surface, keep the surface clean and free from oil, grease and other contaminants by cleaning with an effective cleaner/degreaser, scrubbing with a deck brush to help remove buildup and rinsing thoroughly with clean water. We recommend using SlipDoctors Maintain Grip to thoroughly clean the surface, remove grease buildup and renew the non-slip traction created by MAX GRIP treatment. You can find Maintain Grip on our website www.slipdoctors.com.

Warranty & Disclaimer

SlipDoctors shall not be liable for any injury, loss, or damage, direct or consequential, arising out of the use or the inability to use the product. Before application, Buyer shall determine the suitability of the product for the intended use, and Buyer assumes all risks and liability whatsoever in connection therewith. Product testing is always recommended before full application. The Buyer assumes all risks and responsibility associated with disposal of the product. SlipDoctors cannot eliminate all possibilities of slip-and-fall accidents.

All properly installed SlipDoctors products are guaranteed to increase the coefficient of friction of the surface for two (2) years, provided appropriate surface preparation and cleaning procedures are followed and no contaminants are present. SlipDoctors shall, at its option, replace only the product. This warranty does not apply to any services or labor provided by the customer, contractors, or other service technicians. This warranty is limited to the replacement of the product only. This warranty does not cover (i) color differences, normal color fading, gloss loss, loss of traction, or issues caused by exposure to sunlight, wind, or water; (ii) abrasion or burnishing due to scrubbing, traffic, or other wear and tear; (iii) cracking, chipping, blistering, or peeling caused by structural expansion and contraction, settling, or other movement of building components, by excessive heat exposure, or by water intrusion; (iv) film degradation or discoloration due to mold or mildew; or (v) damages or bonding issues resulting from improper surface preparation or coating application, extraordinary or catastrophic events, or failure to perform regular maintenance.