

511 Porous Plus

Natural Look Penetrating Sealer



www.miraclesealants.com

Water, Stain & Slip Protection for

- Grout
- Flamed, Honed & Polished Granite
- Flamed, Honed & Polished Marble
- Saltillo Tile
- Sandstone
- Concrete
- Sanded Grout
- Flamed, Honed & Polished Limestone
- Terra Cotta Pavers
- Porous Slate & Brick
- Cantera/Adoquin
- Stucco
- Masonry
- Cement
- Flagstone

Uses

- Interior & Exterior
- Restrooms
- Garages
- Kitchens
- Patios
- Pool Areas
- Showers
- Drive Ways
- Walls

Special Features

- Water Resistant
- Acid Resistant
- Slip Resistant
- Non Yellowing
- Stain Resistant
- Salt Resistant
- Easy To Use
- Non coating
- Weather Resistant
- Freeze/Thaw Resistant
- Low Toxicity
- U.V. Transparent

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. 511 Porous Plus is a unique formulation designed for the protection of the most porous tile, stone and grout surfaces. 511 Porous Plus penetrates into the surface and forms an invisible barrier that is resistant to moisture and stains, while allowing vapor to escape. 511 Porous Plus is not a surface coating and will not alter the natural look. All surfaces are harder and less slippery. 511 Porous Plus can be used on interior and exterior applications. 511 Porous Plus is U.V. transparent, resists acid rain and will not yellow under any circumstances. 511 Porous Plus averages 2 to 10 times the coverage of competitive products. (See coverage chart). 511 products have been formulated for or applied to freshly poured concrete to retard the evaporation of water.

511 Porous Plus is on the approved sources list of the United States Postal Service.

Test Data

Independent laboratory tests show 511 Porous Plus out performs competitive products. Test results are available upon request for Staining, Static Coefficient of Friction, Tabor Abrasion, Surface Absorption, Freeze/Thaw, and Vapor Transmission.

NOTE: For any questions concerning grout - refer to the grout manufacturers specifications.

511 Porous Plus will not stop acid etching.

Sample Testing

Due to the differences of each substrate, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Color and Gloss Enhancement

For added color with "Textured and Non polished" surfaces, 511 Seal & Enhance or Mira Matte may be used. For polished marble, travertine, limestone and granite, Stone Polish, Mira Dust, Marble Conditioner or Granite Brite may be used as directed. For ceramic tile, Tile Restor or Tile Brite may be used as directed.

Slip Resistance

511 Impregnator increases the static coefficient of friction on all surfaces.

Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces.

NEW INSTALLATIONS - APPLICATION INSTRUCTIONS

Read entire label and SDS before using. 511 Porous Plus should not be diluted or thinned in any way. 511 Porous Plus should be used as is direct from approved container.

Sealing As a Grout Release

Apply 511 Porous Plus to all surfaces prior to grouting. This step will allow quick and easy cleanup after grouting. Grout can stain many surfaces if this procedure is not used prior to the grouting process. Apply 511 Porous Plus using a Mira Brush or a clean towel. Apply enough to wet the surface. (See coverage charts) Be careful not to saturate the open grout joints. Allow 511 Porous Plus to stand for approximately 3 - 5 minutes for maximum penetration. Any excess sealer remaining at this time should be removed by wiping the surface with a clean dry towel. On very porous surfaces apply another application after the previous application has dried 2-3 hours. Any excess sealer that has dried on the surface creating a residue/film, may be removed by applying Residue Remover. Apply Residue Remover undiluted to the affected area with a clean dry towel. Let it sit for 1 - 2 minutes before buffing the area with a second clean dry towel. Allow 511 Porous Plus to cure for 6 - 12 hours before continuing with the grouting procedure per manufacturers specification.

After Grouting: Once grouted, make sure that all grout residue is removed from the surface with a clean sponge and water. Allow grout to dry at least 24 - 72 hours.

If grout clean up is not performed effectively, an additional cleaning may be necessary to remove remaining grout residue or haze. For this procedure use Phosphoric Acid Cleaner, (HDAC) Heavy Duty Acidic Cleaner (Hydrochloric Acid) or Epoxy Grout Film Remover following the instructions carefully.

Grout Sealing

Once the area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply 511 Porous Plus to all grout with a paint brush. Any excess sealer that gets on the surface should be wiped off with a clean towel before it dries. On larger jobs grout can be sealed by retreating the entire area including the tile or stone surface a second time. Be careful not to allow the sealer to puddle or dry on presealed surfaces.

Residue Removal

To remove accumulated 511 Porous Plus residue, use Miracle Residue Remover as directed.

Existing Installation - Surface Preparation

Surface must be dry and free of contaminants, including previously applied sealers, dirt, lime & hard water deposits, efflorescence, rust & other heavy dirt and grime.

Floor Coating/Wax Removal: To remove existing coatings and/or waxes, use Mira Strip or Finish Sealer Stripper following the instructions carefully.

Heavy Duty Cleaning: To remove lime and hard water deposits, efflorescence, rust, grease and other heavy dirt and grime use HDAC (Heavy Duty Acidic Cleaner) or Phosphoric Acid Cleaner as directed. For a non-acid deep clean use Liquid Poultice as directed. All strippers and/or cleaners should be thoroughly rinsed with clean water and the surface allowed to dry.

Sealing Existing Surfaces: Follow the application instructions previously mentioned, except now, seal the grout and tile or stone surfaces at the same time. When treating surfaces together, make sure that the recessed grout is saturated.

Light Cleaning: Use Tile & Stone Cleaner, Porcelain & Ceramic Tile Cleaner, Limestone/Travertine Soap & Counter Kleen as directed.

Sealer Cure Time

511 Porous Plus will be dry to the touch in 1 - 3 hours and may be used for normal foot traffic. For optimum results the area should be kept dry and free from staining materials for 24 - 72 hours.

Coverage Chart - used as directed

Material	Cost per sq.ft./sq.m.	500 sq.ft. 45 sq.m.	1000 sq.ft. 90 sq.m.	1500 sq.ft. 135 sq.m.	2000 sq.ft. 180 sq.m.
Sanded Grout	(.15-.28)				
Limestone	(.15-.28)				
Saltillo	(.15-.45)				
Sand Stone	(.15-.28)				
Flag Stone	(.15-.28)				
Flamed Granite	(.15-.28)				
Textured Marble	(.15-.28)				
Brick	(.15-.28)				
Concrete	(.15-.45)				
Stucco	(.22-.45)				
Slate	(.15-.28)				
Terra Cotta	(.15-.45)				
Cantera/Adoquin	(.15-.45)				
Masonry	(.15-.45)				
Polished Stone	Cost per sq. ft/3000-4000 sq.ft. (.05 - .07)				

Cost per sq.ft. is based on a suggested list price of \$240/gallon. 1 gallon = 3,785 liters.

MAINTENANCE

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

Storage

Store 511 Porous Plus in the original container, properly sealed to avoid contamination and solvent evaporation. Stored at 77° F (25° C), 511 Porous Plus will have a shelf life of 12 months.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
1-800-350-1901 • Fax: 1-626-443-1435 website:
www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaners, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it-yourself specialist.

WARRANTY & CAUTIONS

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealant Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Caution

511 Porous Plus contains combustible petroleum distillates. All solvents must be considered toxic and must be used in a well ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Open windows and use fans to circulate air. Continue to ventilate until vapors are eliminated. Exposure to high vapor concentration must be avoided. Inhaling the vapors can be harmful. Keep away from heat and open flames. Avoid prolonged contact with skin. Chemical resistant gloves should be worn at all times. Keep small children and pets out of the area until product or surface has thoroughly dried. Refer to MSDS for additional information.