

# 511 Impregnator

## Natural Look Penetrating Sealer

### Water, Stain & Slip Protection for

- Quarry Tile
- Glazed Tile
- Travertine
- Quartz
- Ceramic Tile
- Marble
- Medium-Dense Slate
- Medium-Dense Brick
- Porcelain Tile
- Granite
- Grout
- Terrazzo

### Uses

- Interior & Exterior
- Restrooms
- Kitchen
- Patios
- Showers
- Drive Ways

### Special Features

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

### PRODUCT DESCRIPTION

**KEEP OUT OF REACH OF CHILDREN.** This product is formulated for sealing concrete and masonry to provide resistance against water, alkalis, acids, ultraviolet light, staining, salt ion intrusion and freeze/thaw damage. **511 Impregnator** is a unique polymerized silicone formulation designed for the protection of all medium to dense porous tile, stone and grout surfaces. **511 Impregnator** penetrates into the surface and forms an invisible barrier that is resistant to moisture and stains, while allowing vapor to escape. **511 Impregnator** is not a surface coating and will not alter the natural look. All surfaces are harder and less slippery. **511 Impregnator** can be used on interior and exterior applications. **511 Impregnator** is U.V. transparent, resists acid rain and will not yellow under any circumstances. **511 Impregnator** averages five to twenty times the coverage of competitive products. (See coverage chart). **511** has been formulated for or applied to freshly poured concrete to retard the evaporation of water.

**511 Impregnator** is on the approved sources list of the United States Postal Service and is U.S.D.A. approved for incidental food contact in federal meat and poultry establishments.

### Test Data

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

**NOTE:** On more porous surfaces use **511 Porous Plus** as directed. For any questions concerning grout- refer to the grout manufacturers specifications. **511 Impregnator** 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 Enhancement

For added color with "TEXTURED AND NON POLISHED" surfaces, **511 Seal & Enhance** or **Mira Matte** may be applied as directed.

### Gloss Enhancement

For a higher gloss finish on POLISHED stone surfaces, use **Water Ring & Etch Remover**, **Marble Conditioner**, **Mira Dust** or **Mira Polish**. For counters and furniture, use **Stone Polish**. For tile surfaces, try **Tile Brite**.

### Slip Resistance

**511 Impregnator** increases the static coefficient of friction on all surfaces. **511 Impregnator** has been used successfully for compliance with the American Disability Act's recommendations for slip resistance (ASTM C 1028-89) on polished & honed 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 PDS/MSDS before using. **511 Impregnator** should not be diluted or thinned in any way. **511 Impregnator** should be used as is direct from approved container.

**Before Grouting:** Apply **511 Impregnator** 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 Impregnator** 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 Impregnator** to stand for approximately 3 - 5 minutes for maximum penetration. All excess must be removed at this time by buffing surface with a clean dry towel. This is very important on polished, glazed and porcelain surfaces. Allow **511 Impregnator** to cure for 12 - 24 hours before continuing with the grouting procedure.

**After Grouting:** Once grouted, make sure that all grout residue is removed from the surface with a clean sponge and water. Allow grout to cure per manufacturers specification. 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 **Pre-Cast Concrete Cleaner**, (**GCFR**) **Grout & Concrete Film Remover (Hydrochloric Acid)**, **Sulfamic Acid Crystals** or **Epoxy Grout Film Remover** following the instructions carefully. Once the area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply **511 Impregnator** 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.

### 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.

**Surface Coating/Wax Removal:** To remove existing coatings and/or waxes, use **Mira Strip** or **H2O Strip** as directed.

**Heavy Duty Cleaning:** To remove lime and hard water deposits, efflorescence, rust, grease and other heavy dirt and grime use **GCFR (Grout & Concrete Film Remover)** **Pre-Cast Concrete Cleaner** as directed.

For a non acid deep clean use **Liquid Poulitce** as directed.

Light Cleaning: Use **Mira Clean #1**, **Porcelain & Ceramic Tile Cleaner**, **Tile & Grout Cleaner**, **Mira Soap**, **Counter Kleen** as directed.

### Existing Installation - Application Instructions

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.

### Mold, Mildew and Bacteria Sanitation

For best results in killing mold, mildew, bacteria and other micro organisms, use **Miracle Disinfectant** as directed.

### Residue Removal

To remove accumulated **511 Impregnator** residue, use **Miracle Residue Remover** as directed.

### Color and Gloss Enhancement

For color & gloss enhancement, use **Mira Matte**, **Saltillo & Terra Cotta Paste & Liquid Wax** or **Mira Shine** as directed.

### Cure Time

**511 Impregnator** 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 72 hours.

### Coverage Chart - Used as directed

	Cost per sq.ft./sq.m.	1000 sq.ft. 90 sq.m.	2000 sq.ft. 180 sq.m.	3000 sq.ft. 270 sq.m.	4000 sq.ft. 360 sq.m.
Sanded Grout	(.06-.11)				
Quarry Tile	(.05-.09)				
Ceramic Tile	(.03-.05)				
Glazed Tile	(.03-.05)				
Porcelain Tile	(.02-.03)				
Polished Granite	(.02-.03)				
Polished Marble	(.02-.03)				
Terrazzo	(.03-.05)				
Brick	(.05-.09)				
Slate	(.05-.09)				
Quartz	(.03-.05)				
Travertine	(.03-.05)				
Masonry	(.05-.09)				

Cost per sq.ft. is based on a suggested list price of \$95/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 Impregnator** in the original container, properly sealed to avoid contamination and solvent evaporation. Stored at 77° F (40° C), **511 Impregnator** will have a shelf life of 12 months.

### Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

### Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.  
1-626-443-6433 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 Product

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 do-it-yourself specialist.