

511 Impregnator

Natural Look Penetrating Sealer

Water, Stain & Slip Protection for

■ Quarry Tile	■ Ceramic Tile	■ Porcelain Tile
■ Glazed Tile	■ Marble	■ Granite
■ Travertine	■ Slate	■ Grout
■ Quartz	■ Brick	■ Terrazzo

Uses

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

Special Features

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

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** products have 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 and Vapor Transmission.

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 **Granite Brite**. 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 SDS 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 6 - 12 hours before continuing with the grouting procedure.

For more porous substrates apply another application after the previous application has dried 2-3 hours. For very porous or difficult substrates, refer to **511 Porous Plus** or **511 H2O Plus**.

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 **Phosphoric Acid Cleaner**, (HDAC) **Heavy Duty Acidic Cleaner (Hydrochloric Acid)** 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 pre-sealed 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 **Finish Sealer Stripper** as directed.

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.

Light Cleaning: Use **Tile & Stone Cleaner**, **Porcelain & Ceramic Tile Cleaner**, **Limestone/Travertine 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.

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** or **High-Gloss Finish Sealer** 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 \$120/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 (25° 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 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 Sealants 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 Impregnator 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 the MSDS for additional information.