

# 511 Porous Plus

## Natural Look Penetrating Sealer

### 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.** 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 Porous Plus** is a unique formulation designed for the protection of all 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** has 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 and is U.S.D.A. approved for incidental food contact in federal meat and poultry establishments.

### 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, MiraPolish or Granite Brite** may be used as directed. For ceramic tile, **Tile Restor or Tile Brite** may be used as directed.

### 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 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 12-24 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 **Pre-Cast Concrete Cleaner**, (**GCFR**) **Grout & Concrete Film Remover (Hydrochloric Acid)**, **Sulfamic Acid Crystals** or **Epoxy Grout Film Remover** following the instructions care-

fully.

### 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 **H2O Strip** following the instructions carefully.

**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 Poulitice** 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 **Mira Clean #1, Porcelain & Ceramic Tile Cleaner, Tile & Grout Cleaner, Mira Soap & Counter Kleen**.

### Mold, Mildew and Bacteria Sanitation

For best results in killing mold, mildew, bacteria and other micro organisms, use **Miracle Disinfectant** or **Miracle Wipes** 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.<br>45 sq.m. | 1000 sq.ft.<br>90 sq.m. | 1500 sq.ft.<br>135 sq.m. | 2000 sq.ft.<br>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 \$225/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 (40° 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 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 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