



## PRODUCT APPLICATION

**PremiumSeal™** may be applied to new concrete immediately after final trowel or to existing concrete of any age. Proper surface preparation and product application is essential to performance. For optimum results, please read instructions in full and contact our Technical Support department at (800) 305--9144 for additional customized instructions prior to application.

Always test the surface to be treated for suitability and desired results. Let surface dry before assessing results of test application.

## EQUIPMENT NEEDED FOR APPLICATION

- Soft broom or 100% polyester microfiber pads (to spread out any excess material)
- **Horizontal Application:** high--volume/low--pressure, pump--up, airless, backpack, or mechanical sprayer
- **Vertical Application:** Sprayer or roller with a  $\frac{3}{4}$ " nap

## SURFACE PREPARATION & PRODUCT APPLICATION

### NEW CONCRETE

**PremiumSeal™** may be applied to new concrete immediately after final trowel or at any point thereafter. If applying to acid-stained or integrally-pigmented concrete floors, please take note of the modifications below.

1. Thoroughly clean and scrub the surface to be treated, removing any substance that may interfere with penetration—including any bond breakers, form release oils, wax, surface laitance, curing compounds, drywall residue, dust, or other contaminant. Acid-stained surfaces must be neutralized prior to application by washing and scrubbing with a neutralizing agent followed by a water rinse. Allow surface to dry completely before application. (If applying to new concrete floors after joints have been cut, carefully clean saw-cut residue from the surface with vacuums, sweepers, blowers, or brooms. A scrubbing machine with a red pad may be used to remove any remaining residue from the joints. If necessary, damp mop the joints and around columns to ensure surface is thoroughly clean. Allow surface to dry completely before application.)
2. Apply at 200--400 sq. ft. per gallon (5m<sup>2</sup>/liter—10m<sup>2</sup>/liter) depending upon surface porosity. Using a low pressure, pump up, mechanical or airless sprayer to apply even coats. Do not let material puddle. Spray sealer on concrete, keeping wet for 15 minutes. Allow to almost dry and add a second lighter coat to maximize penetration and protection. Allow to dry, do not allow sealer to dry in puddle.
3. Dries in as little as an hour, longer for heavy applications or in cool, humid conditions.
4. Allow surface to dry for several hours before using surface.

## VERTICAL APPLICATION

Prepare surface as directed above for either new or existing concrete and apply using one of the following methods:

**Spray Method:** Apply PremiumSeal™ from the bottom up using a low pressure, 10-24 psi sprayer (68.9 – 172 kPa). Flood surface until excess runs down 6-8 inches (15-20 cm) below spray pattern, or sponge to create a uniform wet appearance. On horizontal surfaces, property quantity is indicated when the material stands on the surface for a few seconds before completely penetrating. For maximum vertical penetration and desired coverage rates, “wet-on-wet” application is recommended. Re-apply PremiumSeal™ as above within 3-5 minutes after initial application. Use a broom to distribute any accumulated material.

**Roller Method:** If applying with a roller, apply in multiple coats until the surface remains moist for approximately one minute before the material disappears. Use a broom to distribute any accumulated material.

## APPLICATION IN EXTREME WEATHER CONDITIONS

**High Humidity** – Apply PremiumSeal™ as above. After the material has reacted for 30 minutes, remove any excess material that has not penetrated the surface. Do not allow excess material to air- dry.

**High Temperatures** (Above 90°F or 32°C) – To prevent PremiumSeal™ from flashing/drying too quickly, the area to be treated may be sprayed with water to cool the surface prior to application. Allow the surface to dry completely before applying the material. PremiumSeal™ may also be applied by spraying out at 800--1000 sq/ft per gallon (30--40 m2 per liter) in three thin coats, using 100% polyester microfiber pads to spread the material.

**Low Temperatures** (Below 40°F or 4°C) – Apply PremiumSeal™ as above. While keeping the surface wet for 30 minutes, agitate the material using red pads on a scrubbing machine, floor machine or swing buffer. Because of the need to agitate the material once it has been applied, apply to a smaller square footage which can be successfully managed.

## PRODUCT DISCLAIMERS

Do not allow PremiumSeal™ to come in contact with any glass, fabric, metal, or painted surfaces. Immediately wipe contaminated surfaces with a clean, water--saturated cloth, then wipe dry with a second clean cloth.

Application and coverage rates are estimated and may vary depending on the porosity of substrate and environmental conditions present during application (such as extreme temperatures or humidity). For precise rates of consumption, a pre-application field test should be performed.

It is highly recommended that the installer contact our Technical Support department at (800) 305--9144 for customized instructions prior to application. Proper application is the responsibility of the user.

**DO NOT ALLOW SEALSOURCE® PRODUCTS TO FREEZE**