

## SlabTight Sheild® For Concrete

Product Information and application guide.

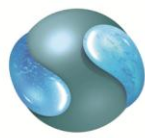
**Product Description:** Vapor barrier and coatings primer in one.

SlabTight® Gas vapor and Salt Blocking Sealer is based on chemically stable resins with extremely high resistance to moisture vapor transmission. It will form a vapor resistant film on concrete and porous masonry to help prevent gases and vapors from diffusing through the substrate surface from either side. The transport of liquid water and the salts contained in it will be dramatically reduced. SlabTight® dries to an amber film that will change the appearance of the substrate. SlabTight® is also bonding primer compatible with most decorative top coatings and flooring adhesives.

**SURFACE PREPARATION:** Surface must be completely clean and dry to the touch. Remove all dirt, wax, old paints or sealers with appropriate cleaners, chemical strippers, or abrasive blasting. For most dirt and lightly rusted or oily surfaces, we recommend using our PerfectCleaner®. Note: If muriatic acid has been used the

surface must be flushed with clean water and neutralized with a pH neutralizer. After cleaning, allow surface to dry 24 hours prior to sealer application. Allow new concrete to cure for at least 28 days before application.

Application Temp & Humidity	55°F to 85°F (13°C to 29°C) @ less than 75% R.H.
Ready for Recoat	1-4 hours
Ready for Foot Traffic	12 hours
Bond Strength	400+ psi (ASTM D-4226)
% Solids by Volume	36% (ASTM D-1464)
VOC	133 g/l (EPA Method 24)
Gloss (60°)	85+
Indentation	None
Flammability	Self-Extinguishing (ASTM D-6135)
Dry time	Variable
Water Absorption	0.2% (ASTM C-413)
Coefficient of Friction	0.8 (ASTM F-609)
Shelf Life	6 months (between 50°F and 85°F) (10°C and 29°C)
UV Light Resistance	Excellent



## SlabTight Shield® For Concrete

**APPLICATION:** SlabTight® is best applied using a roller in two thin coats. The second coat can be applied as soon as the first coat is dry to the touch. Back roll or back brush any pooling.

Spray application with an HVLP sprayer or fine mist pump sprayer followed by with a 1/8" nap back roll is recommended. Brushing or using a 1/8" nap roller can be used but the sealer dries very quickly and the brush or roller would have to be rinsed every time there is a stoppage in application. Make sure that the application equipment is clean. Apply the sealer with a medium spray pattern. Because the sealer dries very quickly it is best to apply in several thin coats rather than one heavy one when a thicker film is needed.

A visual color change indicates that the sealer is dry enough for an additional coat if needed. Clean application immediately with soap and water. Dried on product will require a strong solvent like acetone or MEK.

**IMPORTANT NOTE:** Before use on a job, thoroughly test this product on a sample to assure performance and appearance. Immediately remove pools or puddles where over application has occurred.

**Brush** .....synthetic bristle brush

**Roller** .....3/8" nap roller

**Always apply keeping a wet edge.** Avoid runs and heavy overlapping.

Water test: Your substrate must be visually dry and dry to the touch. To test: Drop a small amount of water on the substrate surface. If water is absorbed and water does not bead up on the surface, then you can apply the primer

**Always work neatly.** Cover items that you want to protect from being affected. If overspray occurs, wash off with water immediately. Do not apply SlabTight® outdoors during inclement weather or in direct sunlight when temperature exceeds 90°F. Application to a damp surface or incompletely cured concrete may cause inadequate protection. For proper curing, air and surface temperature should be between 50° and 80°F for 24 hours following application.



## SlabTight Shield® For Concrete

**Average Coverage** ..... 150- 200 sq. ft per gallon at two coats  
**Dry Time to recoat**..... 30 min  
**For paint or top coatings**..... 1 hour

**CLEANUP prior to cure**..... Soap and Water

### First Aid

**Inhalation:** Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration and get medical attention.

**Eyes:** Rinse eyes with cool water for 15 minutes. Hold eyelids open during flushing with water. Get Medical Attention. **Skin Contact:** Wash off with soap and water. Remove contaminated clothing. **Ingestion:** Harmful if swallowed. If ingestion occurs, do not induce vomiting. Seek immediate medical attention.

SlabTight® is mildly acidic. Contact with the eyes may cause irritation and burning. Avoid prolonged contact with the skin. Applicators who are spraying large quantities should wear OSHA approved goggles and other appropriate safety equipment as per typical.

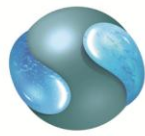
### Disclaimers:

Do not use on external masonry walls where a breathable coating is normally specified. Do not apply this product when temperature is below 50 degrees F. **Do not return unused material back into the original container.** Keep from freezing. Do not dilute.

All applicators must wear protective equipment customarily used when applying paints and coatings including gloves. Although **SlabTight®** is not caustic, avoid repeated or prolonged contact with the skin and eyes. Do not ingest or inhale the coating, modify the coating with any other material or use the coating for any non-recommended purpose.

Refer to the proper MSDS Sheet for persons exposed to or reacting to this coating. Keep out of the reach of children.

Do not apply heavier than about coverage 300 square feet per gallon in a single coat or 200 sq. ft per gallon for two coats.



## SlabTight Shield<sup>®</sup> For Concrete

### Warnings and Warrantees

**Warnings:** Do not dilute. Clean all equipment immediately after use with soap and water or a latex paint cleaning compound.

**Warranty:** Specialty Solutions inc. warrants that this product conforms to the chemical composition described in the Product Label.

SSM shall not be responsible for any direct or consequential damages sustained as a result of the use of this product. Further, SSM shall not be liable for personal injuries, property damage or any other damages as a result of the use of this product, the sole responsibility of SSM under the within WARRANTY being the replacement of any nonconforming product. Acceptance and use of this product absolves SSM from any such liability whatsoever and from whatever source. The within WARRANTY may not be modified or extended by SSM representatives or distributors, neither of which are empowered to make any product representation inconsistent with the terms hereof.