

PPC Shield SG Guard

PRODUCT TECHNICAL DATA SHEET

PPC Shield SG Guard is a VOC-compliant concrete guard that provides etch and stain protection with a high-gloss finish. This topically applied protective coating is specifically designed for protecting interior and exterior concrete and terrazzo surfaces against chemical intrusion and staining. PPC Shield SG Guard creates a protective barrier that is highly resistant to chemicals, oil, and grease. Packaged in a 5-gallon (18.9-liter) pail, PPC Shield SG Guard is designed to protect exposed aggregate, acid-stained, integrally colored, polished, and hard-troweled concrete surfaces.

WHERE TO USE

- Interior & Exterior Concrete
- Vertical Cast in Place Concrete
- Structural & Lightweight Concrete
- Exposed Aggregate
- Colored Concrete
- Stamped Concrete
- Polished Concrete
- Pavers
- Masonry
- Terrazzo
- Brick
- Gypsum
- Masonry
- Marble
- Stucco
- Polyurethane
- Tile
- Limestone
- Sandstone
- Countertops

ADVANTAGES

- VOC Compliant
- Excellent Chemical Resistance
- Excellent Stain Resistance
- Excellent Oil Resistance
- Superior Etch Protection
- Easy to Apply
- Easy to Clean
- Will Not Reduce Slip Resistance
- No Heating or Burnishing Required
- Enhances & Protects Colored Concrete
- UV Stable
- Designed for Pedestrian & Vehicular Traffic
- Compatible with all Stains
- Enhances & Protects Exposed Aggregates
- Ready To Use Formulation

COVERAGE RATES

Coverage rate is 600-800 sq ft per gallon (19 sq m per liter).

SHELF LIFE AND STORAGE

PPC Shield SG Guard has a two-year shelf life when stored in a cool dry area out of direct sunlight. Must be kept in tightly secured containers to prevent evaporation and contamination.

PACKAGING and COLORS

PPC SHIELD SG GUARD is packaged is available in 1-gallon (3.7-liter) jugs, 5-gallon (18.9-liter) pails, 55-gallon (208.2-liter) drums, and 275 gallon (1041.1-liter) totes).

MIX RATIO

Single Component

PHYSICAL CHARACTERISTICS

VOC: Compliant- Less than 5g/L

SOLIDS CONTENT BY VOLUME.....30%

SOLIDS CONTENT BY WEIGHT.....30%

COLOR: Milky White; Dries Clear

COVERAGE RATE: 800 SQ FT Per Gallon

SHELF LIFE: Two Years In Factory Sealed Container

FOOT TRAFFIC: 2 hrs After Surface is Dry

VEHICULAR TRAFFIC: 4 hrs After Surface is Dry

OVERVIEW OF INSTALLATION STEPS

Mandatory Mockup: A 100-200 sq/ft mockup should be installed as a guide for installation and quality control panel days or weeks before the actual installation of the coating system. The mockup should be approved by an authorized representative of the Property Management for Slip Resistance, aesthetics, and functionality.

Substrate: Ensure that the surface to be treated is free from sealers, dirt, visible oil, grease and any other surface contaminant prior to application. Installation should be continuous. Always test floor surface for suitability and desired results before full installation. If rain should occur at any time during this process, see 'Interrupted Installation' at the end of this section.

Application:

1. Ensure that the surface to be treated is free from sealers, dirt, visible oil, grease, and any other surface contaminants prior to application. Installation should be continuous. Always test the floor surface for suitability and desired results before full installation. If rain occurs at any time during this process, refer to the "Interrupted Installation" section at the end of this document. Protect adjacent objects and areas not intended for treatment from spillage or overspray.
2. Fill sprayer with Premier Protective Coatings PPC Shield SG Guard using a paint strainer or cheesecloth to prevent spray nozzle clogging.
3. Apply PPC Shield SG Guard uniformly, wetting the surface with an airless or tank-type sprayer. DO NOT allow the material to puddle or flood the surface.
4. Drying time will vary from 10 to 30 minutes depending on temperature and environmental conditions.
5. NOTE: "Dry" means dry to the touch.
6. Clean all equipment with warm, clean water.

7. NOTE: Read all instructions and SDS information prior to use. If microfiber pads are used, ensure that the pad is not

overly saturated or excessively dry. When used in conjunction with PPC curing agents, sealers, and densifiers, PPC Shield SG Guard may be installed as soon as 6 days after concrete placement.

LIMITATION

Do not allow PPC Shield SG Guard to come into contact with any glass or metal. Immediately wipe affected surfaces with a clean water-saturated cloth, then wipe dry with a second clean cloth. For questions regarding Shield SG Guard contact PPC.

INTERRUPTED INSTALLATION

If the application should be interrupted by rain, mark the place of interruption, and continue the application as soon as weather permits. If the delay exceeds 4 hours contact PPC immediately.

HOT WEATHER INSTALLATION

Do not apply temperatures above 120° F (48°C). Contact PPC for additional information.

COLD WEATHER INSTALLATION

Do not apply in temperatures below 32° F (0°C). Contact PPC for additional information.

LIMITED WARRANTY

PPC warrants its products to be free of manufacturing defects and that they will meet PPC current published physical properties. PPC warrants that its products, when properly installed by a state licensed contractor according to PPC guide specifications and product data sheets over a sound, properly prepared substrate, will not fail for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PPC of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PPC shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PPC shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PPC reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material

and proper application procedures. Test performance results were obtained in a controlled environment and PPC makes no claim that these tests or any other tests, accurately represent all environments. For further information please contact us at the following email address: orders@premierprotectivecoatings.com or visiting www.premierprotectivecoatings.com

DISPOSAL

Any surplus material, should be combined and allowed to cure. Upon curing, the product can be disposed of without any restrictive conditions. Uncured materials should be securely stored in an appropriate sealed container and disposed of in strict adherence to the applicable provincial, state, municipal, and federal regulations.

CAUTION

ALWAYS KEEP OUT OF THE REACH OF CHILDREN
KEEP FROM FREEZING CONDITIONS
INTENDED FOR INDUSTRIAL USE ONLY.