

CONCRETE SEALERS *USA*

Professional Concrete Solutions You Can Trust

1 US Gallon

Product Description

PS101 is a chemically reactive deep penetrating silicate sealer that is intended for unsealed and uncolored concrete. It creates a cross-linked insoluble methyl-silicone internal membrane that fuses within porous substrates of broom finished or smooth troweled concrete to combat freeze/thaw damage, reduce scaling and spalling, impart water repellence, and restrict moisture absorption. It also limits harmful effects of deicing chemicals and salts, acid rain deterioration, alkali attack, corrosion of reinforcing steel, and UV damage. PS101 decreases efflorescence, limits dirt buildup, retards mold and mildew, and makes easier to clean and maintain. PS101 is breathable with minimal impact to traction coefficient. It is also UV resistant and nonyellowing. PS101 has a clear appearance. Upon proper application, the substrate will have little, or no, noticeable change in appearance when dry.

Recommended Uses

PS101 is recommended for unsealed and uncolored broom finished or smooth troweled concrete and for sealing other cementitious and masonry surfaces such as stucco, block, mortar, and grout. It is ideal for sealing commercial and residential structures such as parking decks and structures, workshop floors, warehouse floors, pole barn and shed floors, basement floors, garage floors, driveways, sidewalks, walkways, porches, steps, pool decking, patios, and concrete pavers. It is suitable for horizontal or vertical and interior or exterior applications. Not intended for below grade waterproofing.

Limitations

PS101 is designed to work only on porous concrete and masonry substrates and is not intended for asphalt. This product may damage vegetation or may etch glass, vinyl, aluminum, plastic, and metal. Avoid contact with eyes and skin. Sealer may be damaged if frozen prior to use. Not intended to seal cracks. Will not remediate structurally unsound surfaces with defects. PS101 is not oleophobic and is not intended as an oil repellent. The Company does not warranty specific performance results or compatibility with products manufactured by others. The Company shall bear no liability, other than replacement of defective product. A small test must be conducted prior to application. Based upon this test, the purchaser shall determine for themselves the suitability of this product for the intended use.

Environmental & Regulatory

PS101 complies with EPA, FDA and OSHA strict requirements and contains no solvents or Volatile Organic Compounds (VOC). This product is considered a non-hazardous chemical under OSHA Hazard Communication Standard (29CFR 1910.1200). Contact may cause skin or eye irritation. Using with adequate air ventilation, eye protection, and gloves is recommended.

REFER TO SAFETY DATA SHEET PRIOR TO USE.

PS101 Silicate Water Repellent WB Penetrating Sealer

Zero VOC, Water Based Sealer for Concrete & Masonry

- Professional Grade
- Dries Flat & Clear
- One Step Application

- ▶ Combats Freeze/ Thaw
- ▶ Restricts Water & Moisture
- ▶ Limits Dirt Buildup
- ▶ Retards Mold & Mildew
- ▶ Resists Salts & Deicing Chemicals
- ▶ Decreases Efflorescence
- ▶ Reduces Scaling & Spalling
- ▶ Makes Easier to Clean

Great for

Workshop Floors | Warehouse Floors | Pole Barn & Shed Floors
Basement Floors | Garage Floors | Driveways | Sidewalks
Walkways | Pool Decking | Patios | Concrete Pavers

Surface Preparation

Substrates to be sealed ideally will be a minimum of 28 days old and/ or be fully cured. For freshly placed concrete, surfaces should be clean, dry, free of bleed water, final finishing process completed, and porous enough to allow penetration into the substrate. Added benefits can be obtained by waiting 3-7 days after placement when peak hydration and off gassing have slowed enough to allow better penetration of the sealer into the substrate. For existing surfaces, substrates should be clean and free of surface laitance, dust, dirt, debris, mildew, oil, grease, previous sealers, curing agents, paint or other surface coatings, and other contaminants. If acid or other cleaning compound is used for cleaning or etching the surface, neutralize the surface completely before application of PS101.

Application

Always test porosity prior to application, especially on machine troweled concrete. Surface should be dry for proper penetration of the sealer. Should not apply to damp or wet surfaces or if rain is expected within 12 hours after application. Product is a one part system and requires no special mixing. Stir material thoroughly before and during application. Do not apply below 40°F or above 95°F during the application or drying period. Apply uniformly with a low pressure sprayer. When applying material, work in small, manageable areas at a time in order to maintain a wet edge. Product should be applied to the point of rejection and be fully absorbed within 10 minutes without puddles. Use a broom, roller, or microfiber pad to evenly distribute product as well as disperse any puddles as excessive application may result in white residue (especially on darker surfaces) which will not affect sealer performance and generally dissipates over time or by power washing.

For dense surfaces, generally only one application is required. However, for extremely porous surfaces where additional product can be absorbed, a light secondary application may be able to be applied to enhance performance. Clean application materials with warm water.

Finish

Flat and clear.

Coverage Rate

300-450 sq. ft./Gal. for smooth troweled and dense surfaces. 175-225 sq. ft./Gal. for broom finished concrete. 100-150 sq. ft./Gal. for concrete block. Coverage rates are approximate and for estimating purposes only.

Drying Time

Dry to touch in 1-3 hours and for traffic in 6-12 hours. Drying times are for estimating purposes only. Actual drying times are based upon temperature, humidity, and air flow.

Shelf Life

2 years unopened.

Safety & First Aid Precautions

Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap and water. Inhalation: Move subject to fresh air. Digestion: Consult physician immediately.



Concrete Sealers USA

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Sustainable
GREEN
Product

