CONCRETESEALERS*USA*

Professional Concrete Solutions You Can Trust

- ☐ 5 US Gallons
- ☐ 55 US Gallons

PS108 Sodium Silicate w/ Siliconate Densifier WB Penetrating Sealer

Zero VOC, Water Based Concrete Floor Densifier & Hardener

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

- Densifies & Hardens
- Restricts Water & Moisture
- Limits Dirt Buildup
- Protects Against Wear
- Resists Salts & Deicing Chemicals
- Decreases Efflorescence & Dusting
- Increases Surface Strength
- Enhances Abrasion Resistance

Great for

Workshop Floors | Warehouse Floors | Automotive Garage Floors Retail Store Floors | Pole Barn & Shed Floors | Basement Floors Garage Floors

Product Description

PS108 is an economical water based sodium silicate solution with a siliconate water and salt repellent additive that penetrates into an unsealed cementitious surface to increase density, hardness, and strength of the top layer of the substrate while retaining its breathability. It is an ideal treatment for machine troweled, burnished, or polished concrete surfaces. Once the sealer chemically reacts with the surface, the PS108 improves the abrasion resistance and durability of a surface, provides long term protection against wear and traffic, reduces dusting not caused by actual surface defects, and lowers the overall maintenance of a surface. It also provides resistance to water and moisture, efflorescence, dirt buildup, mold and mildew, and salts and deicing chemicals. It can also serve as a concrete polishing aid by producing better initial surface hardness that reduces polishing time and yields a smoother and denser burnished or polished surface. Sealer is environmentally friendly, VOC compliant, non-flammable, and has odorless formula for safe indoor use. PS108 has a clear appearance. Upon proper application, the substrate will have little, or no, noticeable change in appearance when dry. However, a polished appearance can normally be imparted to burnished or polished surfaces by applying with scrubber or polisher and then buffing with a white pad.

Recommended Uses

PS108 is recommended as a densifier and hardener for machine troweled concrete surfaces. It can also be used on other cementitious surfaces where densifying and hardening benefits along with water repellent characteristics are desired. It is also recommended as a polishing aid for burnished or polished concrete surfaces.

It is ideal for sealing commercial and residential concrete floors such as workshop floors, warehouse floors, automotive garage floors, retail store floors, pole barn and shed floors, basement floors, garage floors, and other machine trowelled, burnished, or polished concrete surfaces.

Limitations

PS108 is designed to work only on porous concrete surfaces 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 such as chronic dusting or chalking. The use of high alkaline or acidic cleaners on the treated surface is not recommended and can be damaging. PS108 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

PS108 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.

Surface Preparation

Substrates to be sealed ideally will be a minimum of 28 days old and/ or be fully cured. The surface must be porous enough to allow penetration into the substrate. If applied to freshly placed concrete, surfaces should be clean, dry, free of bleed water, final finishing process completed, and sufficient strength to be stood on without being marred. Added benefits can be obtained by waiting 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 PS108.

Application

Always test porosity prior to application, especially on very dense surfaces. Surface should be dry for proper penetration of the sealer. Should not apply to damp or wet surfaces. 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 or colored surfaces) which will not affect sealer performance and generally dissipates over time or by power washing. To reduce likelihood of white residue on surface, rinse the surface thoroughly with water 2 hours after final application of sealer and then sweep up to remove any residual materials.

Generally, only one application is required. If additional coats are desired and more product can be absorbed, wait approximately 1-2 hours between coats. For a more polished appearance on burnished or polished surfaces, apply using a floor scrubber (black pad) or high speed polisher and then buff with a white pad after 12 hours. Clean application materials with warm water.

Finish

Under normal conditions, the sealer will dry clear and flat. However, a polished appearance can normally be imparted to burnished or polished concrete surfaces by applying with a scrubber or polisher and then buffing with a white pad. Polished appearance is based solely upon application procedure of the applicator.

Coverage Rate

300-450 sq. ft./Gal. for machine troweled and smooth surfaces. 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

1 year unopened. Store container upright indoors in a cool, dry place and maintain temperature of 55°F to 85°F.

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.

MADE IN THE USA

Concrete Sealers USA
P.O. Box 5464 | De Pere, WI 54115
Toll-Free: 888.583.2991 | Emergency: 800.424.9300
info@concretesealersusa.com | www.concretesealersusa.com

Sustainable GREEN Product