PS101 Siliconate Water Repellent WB Penetrating Sealer

Zero VOC, Water Based Sealer for Concrete & Masonry

- Only use the product for applications for which it is intended (i.e. unsealed and uncolored porous concrete). Other acceptable surfaces are stucco, block, mortar, and grout. Read through entire technical data sheet prior to use.

- 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 PS101.

- Surface should be as dry as possible prior to application of the sealer. If a surface is power/ pressure washed (which is recommended) or there is a heavy rain, allow sufficient time (ex. 1-3 days) for a surface to fully air out or dry out prior to applying the sealer. Sealer should not be applied to damp or wet surfaces or if rain is expected within 12 hours of application.

- Do not apply the product when surface or air temperature are below 40°F or above 95°F during the application or drying period.

- Always test porosity of a surface prior to application, especially on machine troweled concrete. This can be done by applying a few small drops of water onto a surface and ensuring the water fully absorbs into the surface within 3-5 minutes. If the water drops do not fully absorb into a surface, the surface would not be a candidate for this product and application of the product should be avoided.

- Conduct a small test in an inconspicuous area prior to full application to determine the suitability of the product, coverage rate, surface preparation, application method, and desired results. In the test application, follow the same process as will be used in the full application. Let dry before inspection and then make determination on whether full application is appropriate.

- Apply the product 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 any 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) on the surface once dry. White residue 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 and ONLY where additional product can be absorbed, a light secondary application may be able to be applied any time after 24 hours to enhance performance. Test porosity of surface prior to secondary application by again applying a few small drops of water onto the surface and ensuring the water fully absorbs into the surface within 3-5 minutes. If water does not absorb into the surface, a secondary application is not needed and should be avoided. Like excessive application noted above, unnecessary additional applications may result in white residue on the surface once dry.

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