



TECHNICAL DATA SHEET

CFS-POLISHED CONCRETE GUARD

PRODUCT DESCRIPTION: CFS-Polished Concrete Guard is a one component water based ultra small particle size self-crosslinking hydrophobic organic polymer and silane/siloxane designed specifically for use in the grind and polish of concrete/cement as a surface conditioner and stain guard to be applied before the final polishing step to increase long term performance, gloss and stain resistance.

<p>BENEFITS OF USE:</p> <ul style="list-style-type: none"> *Increases durability, stain resistance and abrasion resistance. *Improves weathering, densifies and reduces efflorescence. *Protects and fortifies concrete as it seals against moisture damage. *Application will reduce dusting and increase concrete life. *Reduces water absorption into the substrate. <p>VOLATILE ORGANIC CONTENT: 50 grams/liter</p> <p>COLOR: Opaque milky white color</p> <p>COVERAGE PER GALLON: Typical coverage is 800-1200 sq. ft.</p> <p>PACKAGING INFORMATION: 5 gallon, 50 gallon (Approximately 8.5 pounds/gallon)</p> <p>SHELF LIFE: One year in unopened containers when stored between 50-90 degrees F.</p> <p>FINISH CHARACTERISTICS: This product may slightly darken the surface. The overall finish characteristics are determined by the polishing diamond grit size and concrete composition.</p> <p>ABRASION RESISTANCE: The application of this product will increase the abrasion resistance of substrates. Results will vary according to substrate type.</p> <p>DOT CLASSIFICATIONS: Not regulated</p> <p>VISCOSITY: Less than 25 cps</p>	<p>ADHESION: Because this material is applied prior to the final grind polishing step and is developed to deeply penetrate into the pores of the concrete, it does not remain as a coating after the final polishing step so delaminations do not occur.</p> <p>CURE SCHEDULE: (70 DEGREES F) Allow the material to completely dry to obtain the maximum benefits of the application. The final polishing stage can be performed usually within 1-3 hours under normal conditions.</p> <p>APPLICATION TEMPERATURE: 55-90 degrees F</p> <p>CONCRETE DENSIFYING PRIMER: Normally, a concrete densifier is used in the early grind and polish stages to increase the density and harden the concrete. We recommend the use of the CFS-Densifier. The CFS-Densifier was designed to densify the concrete while allowing subsequent products such as the CFS-Polished Concrete Guard to thoroughly penetrate the surface.</p> <p>TOPCOAT: No topcoat required. Multiple coats of this product are compatible.</p> <p>TEST AREA: Concrete substrates vary from geographical regions throughout the country, and the actual condition of the concrete can provide varying results. Results can also vary from floor machine weights, RPM speed and the sequence of polishing stages and diamond grit sizes. Therefore, test a minimum 4 ft. by 4 ft. area on each type of concrete to determine suitability before undertaking the entire project.</p>
<p>LIMITATIONS:</p> <ul style="list-style-type: none"> *The surface should be dry prior to the application of this product. *This product is intended for interior use only. *Always apply a test patch to determine the suitability before using. *Allow to completely dry before polishing. *Product may slightly darken substrate. *Stain resistance and water repellency may not fully develop for 2-4 days. *Remove spills as soon as possible to limit staining possibilities. *Physical properties listed on this technical data sheet are typical values and not specifications. 	