



Application Guidelines for Stronggard Elastomeric Wall Coating

	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Step 1	Surface Preparation	<p>The surface must be sound and free of dirt, efflorescence, oils, grease, loose debris or any substance that may interfere with bond.</p> <p>The surface should be totally dry prior to application.</p> <p>Repair cracks larger than 1/16 " with a premium caulk.</p> <p>Repair all spalled, pocked and unsound concrete.</p>	<ul style="list-style-type: none"> • Use two part non-sag quick dry premium grade urethane sealant. Mound the caulk slightly so the repair is flush. Allow to cure fully. (Consult mfg. for cure times et al.) • Repair concrete using SWI vertical/overhead repair mortars. • Allow repairs using polymer modified products to cure a minimum 10 days. 	
<p>Previously treated or coated surfaces must be tested prior to application to ensure proper adhesion. Condition material to 60-75° F prior to using.</p>				
Step 2	Apply 1 st coat @ 20 wet ml thickness per coat to achieve 15 ml dry film thickness	<p>Stronggard may be brushed, airless sprayed, or rolled onto a clean, sound dry surface.</p> <ul style="list-style-type: none"> • <u>Airless spray</u>: Use a reversible tip (a #36 orifice is recommended to start). Angle gun at 90 degrees to the surface. • <u>Roller</u>: A 1 ¼" nap roller. The nap thickness can be varied to accommodate substrate. Back roll the first coat to ensure optimum weatherproofing and reduce pinholing. No matter which application method a cross hatch method is required. 	<ul style="list-style-type: none"> • SWI Stronggard. Using jiffy blade, mix min. 2 minutes. • Mix prior to application of each coat. • Allow first 20 wet ml. coat to set. 	<ul style="list-style-type: none"> • 60 sq. ft. @ 2 coats per gallon. • Always a two coat system. • Apply two 15 ml dry film coats.

	Allow the first coat to set approximately 5-6 hours at @70° F before applying the second coat.		
Step 3	Apply 2 nd coat @ 20 wet ml thickness per coat to achieve 15 ml dry film thickness	Apply second coat the same way to a clean and dry first coat that has been back rolled and has set if using brush or roller.	<ul style="list-style-type: none"> • SWI Stronggard. Using jiffy blade mix min. 2 minutes prior to application of second coat. • Apply second 20 wet ml coat. <p>60 sq. ft. @ 2 coats per gallon.</p> <p>Always a two coat system.</p> <p>Apply two 15 ml dry film coats.</p>
	<ul style="list-style-type: none"> • Temperature must remain 45° F or above for a minimum 4 hours after application of second coat. Protect from freezing. • Do not apply if rain is forecast within 8 hrs of completion. The coating should be applied at 5 degrees above the dew point. • High humidity may affect adhesion. • Application over new concrete requires 14-28 day cure. • Always apply on shaded areas of building with ambient surface temperatures. • Do not leave material in direct sun ever. Unshaded areas may have high surface temperatures that can cause rapid skinning and blisters may appear. • Avoid direct sun; do not apply on surface above 110° F. 		

Note: Prior to starting the application of any SWI product or system, be sure to read the product data sheets, MSDS and other pertinent documents. Pay special attention to substrate moisture content, physical condition of the substrate, method(s) of surface preparation, surface restoration, detailing of cracks, joints, transitions and terminations and any applicable specifications. Review carefully for unknown site conditions or defects. These materials are designed for use by technically qualified personnel at their own discretion and risk. Since conditions of handling and use are beyond our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be construed as a license to operate or a recommendation to infringe any patent.

The theoretical coverage rates stated in this application specification are for estimating purposes only. Factors, such as, allowance for material waste, unusual or abnormal substrate conditions and other unforeseen job site conditions that may affect actual product yields are the responsibility of the installer.