



## Application Guidelines for Strongcoat SC-113 Vehicular Traffic Coating

Step	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Step 1	<b>Surface preparation</b>  Mechanically prepare concrete substrate. Note: Minimum concrete surface profile CSP-3 using the ICRI surface profile chips must be achieved in order to receive coating	Scarify, shotblast, sandblast or similar approved mechanical means, and power wash		Note: Apply SC-113 HD only on clean sound substrate. Any structural defects or loose deteriorated concrete must be repaired prior to application of SC-113 HD
Step 2	<b>Crack Treatment</b>	Route and fill cracks. Apply one coat EM-00N. Set fabric in uncured EM-100N. Allow to cure 2 hrs. Apply EM-100N over fabric completely covering. Broadcast 10-20 mesh sand into final coat. Allow to cure.	High Point Load Sealant (HPL) by others. Follow Mfg. Specs.  <b>EM-100N</b>	One 5 gallon pail EM-100N form one unit  Unit Yield: 160sq.ft @ 40 mls.
Step 3	<b>SC-113 HD, 1st coat</b>	Squeegee and back roll or broom finish.  Note: Mist substrate prior to application of first coat	Always add powder to liquid. Mix 55 lbs. <b>SC-3 HD</b> powder to 2 ½ gal. <b>SC-3</b> liquid  Note: When using pigmented coating, mix one color pack to 5 gals. liquid. Premix liquid at all times	One 5 gallon pail SC-3 liquid and two 55 lb. bags SC-3 HD powder form one unit. Unit yield: 360 sq.ft @ 45 ml Must apply two 45 ml coats. Allow to cure 2-3 hours @ 70F between coats.
Step 4	<b>SC-113 HD, 2nd coat</b>	Squeegee and back roll or broom finish  Note: Do not mist between coats.	Mix second 55lb. bag of <b>SC-3 HD</b> powder with remaining 2 ½ gal. <b>SC-3</b> liquid  Note: Sunlight, temperature, humidity, dew point and other atmospheric conditions may affect cure times.	Allow to cure 12 hrs. prior to accepting traffic or the application of Resicolor #4
Step 5	<b>Resicolor #4</b>	Premix prior to use. Dip and roll	<b>Resicolor #4</b>  Mix and apply directly from pail.	One 5 gallon pail Resicolor forms one unit. Unit yield: 1000-1200 sq.ft. depending on surface quality

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. **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.**