

# SUPER SURFACE OVERLAY



Super Stone® Super Surface overlay material is the ultimate in concrete design systems. Developed with strength and workability in mind, it is readily available in pre-colored bags for convenience and batch consistency. Super Stone® Super Surface Polymer gives Super Surface® the strength needed to be a top overlay system in the industry. This polymer modified concrete provides contractors with a functional product to resurface existing concrete surfaces. Super Surface® makes it possible to achieve a stamp or various patterns without removing the concrete. This process minimizes cost, labor, and time.

## RECOMMENDED USAGE

- Driveways & Parking Areas
- Patios
- Pool Decks
- For Interior & Exterior Use

## ADVANTAGES

- Strong & Durable
- Stamp without removing concrete
- Can be applied from 2 inches thick to a feather edge finish.

## COVERAGE

17 ft<sup>2</sup> per bag at 3/8" thick  
24 ft<sup>2</sup> per bag at 1/4" thick

## DRY TIME

Drying time is based on temperature & humidity. Product should be protected from freezing and water for at least 24 hours.

## SURFACE PREPARATION

Before applying Super Stone® Super Surface, all surfaces should be clean and free from dirt, dust and grime. Any weak or loosely adhering material should be mechanically removed. Use Super Stone® Cleaner/ Degreaser to remove dirt, oil, and other petroleum based contaminants. Use Super Stone® Strip It Off to remove old acrylics, epoxies, and polyurethanes. Failure to remove contaminants can result in adhesion loss, reduced durability, or peeling. Hard-troweled surfaces must be opened and ground to a rough finish. Sand blasting, pressure washing, scarifying, grinding, and shot blasting are all good methods of surface preparation. Use Super Stone® Crack Repair Kit to address any cracks. Do not fill control joints. If water is introduced during the preparation, let the surface dry 12-24 hours depending on water permeability and saturation before applying Super Stone® Super Surface.

## APPLICATION

Application begins with a bond coat mixture of Super Stone® Super Tex and Super Surface® Polymer. \*See Technical Data Bulletin for Super Tex bond coat/squeegee application for mixing instructions.

While applying the bond coat, begin mixing one gallon of Super Surface Polymer and two gallons of water in a clean 5 gallon bucket. In a separate bucket, pour 1 bag of Super Surface® and add 5 quarts of the polymer and water mixture. Mix for 2-3 minutes or until no lumps are prevalent. Make

small adjustments to the mixture when temperature and humidity affect water demands. Hot and dry climates may use more polymer/water mixture while cooler or humid climates may require less. Mix 3/8" rock or pea gravel with Super Surface® when building over 1/2 inch.

Pour the overlay out onto the surface before the still wet bond coat is allowed to dry. Set a gauge rake to desired thickness and then pull the material across the surface. Use a "Fresno" trowel or a pool trowel to smooth the surface. Drying times will depend upon climate and humidity. Once the overlay is dry enough to take a knuckle impression without squirting between the fingers, spray the surface with Super Stone® Liquid Release. Spray the release on the texture stamp mats and lay them on the surface with the textured side down. Use a tamper to impression the mat texture into the surface. Set the next mat and repeat the procedure until the entire surface is completed.

Antique the Super Surface overlay with Super Stone® Super Hydro-Tone or apply Chlorstain acid stain to achieve a bold, earth toned, worn look. Allow project to dry at least 24 hours and apply 2 coats of Super Stone® Concrete Sealer.

## APPLICABLE STANDARDS

### Compressive Strength, ASTM C 109

7 Day Air Cure, Average of 3 3610 psi      28 Day Air Cure, Average of 3 4390 psi

### Flexural Strength, ASTM C 348

7 Day Cure, Average of 3 890 psi      28 Day Cure, Average of 3 1520 psi

### Splitting Tensile Strength, ASTM C 496

7 Day Air Cure, Average of 3 220 psi      28 Day Air Cure, Average of 3 275 psi

### Shear Bond Strength, ASTM C 882

28 Day Air Cure, Average of 3 325 psi

### Abrasion Resistance, ASTM C 944

28 Day Air Cure, Average of 3 1.4 percent losses

## LIMITATIONS

- Is intended for use on stable non-moving concrete.
- Should not be installed on areas subject to steel wheel traffic, water immersion, hydrostatic pressure, or harsh chemicals.
- Installation should not be attempted when ambient and surface temperatures are below 50°F or above 110°F.

## SAFETY PRECAUTIONS

Avoid Contact with eyes and skin. Use with adequate ventilation. First Aid: **Eyes**-- In case of contact, flush immediately with water. **Inhalation**-- Move victim to fresh air.

**Limited Warranty: Since no control is exercised over product use, Super Stone® only warrants that this product is of consistent quality within manufacturing tolerances. Seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of the portion of the material proved to be defective. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF ANY KIND, EXPRESSED OR IMPLIED, NOW OR HEREAFTER MADE IS AUTHORIZED OR WARRANTED BY SUPER STONE, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Super Stone will not be liable for special, incidental or consequential damages, including for delays or lost profits.**

For Professional Use

**DANGER!**

CAUSES SKIN IRRITATION, ALLERGIC SKIN REACTION, SERIOUS EYE DAMAGE, RESPIRATORY IRRITATION, CANCER, AND DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED USE. KEEP OUT OF THE REACH OF CHILDREN.

