

**DESCRIPTION:**

SilaCast BES is a penetrating enhancing sealer designed to restore and renew concrete pavers. SilaCast BES will create a true “wet look” and enhance the natural colors in the substrate.

**PREPARATION:** A large factor in the performance of the SilaCast BES depends on the prep of the job.

**Previous Sealed Surfaces**

**SilaCast BES is a penetrating sealer and requires the surface to be free from other sealers.**

Most surfaces you will be able to see a failing sealer by the way it breaks down and turns white. However, if you’re not sure you can do a water test. In a few different locations (shaded areas, coupling around pool, covered areas etc.) pour a small amount of water on the surface. If the water sits on the top of the surface there is a sealer present. If the water soaks in and darkens the surface there is no sealer and you can proceed with standard cleaning. Undesired results will occur on sealed surfaces.

**For previously sealed jobs please refer to our StipaCast product to properly prep the job.**



**Surfaces ready to be sealed**



**Surfaces requiring to be stripped**

**Non sealed surfaces**

**If you have determined that there is no sealer present you can begin to prep the job.**

Use a high powered pressure washer and desired cleaner to remove all dirt, oil and debris. Surface cleaners work very well on non sealed surfaces. Do not seal a dirty surface. Rinse thoroughly. Let surface dry. It is always recommended to sand the joints of the pavers as well to ensure proper stabilization of the pavers. Do not apply if rain is expected within 24 hours.

**Pictured are some common sprayers used to apply SilaCast BES**



**Other equipment recommended to have on hand**



**APPLICATION:** SilaCast BES is a single component, one coat application

Open the bucket of SilaCast BES and mix with a drill and paddle mixer. Move mixer from side to side and up and down for at least one minute mixing completely. Because SilaCast BES contains a high amount of solids this is a very important step to ensure there is no separation with the material. Pour SilaCast BES without dilution in to desired sprayer using a strainer or cloth filter. This will help prevent the sprayer tip from clogging during application. Tape and cover all areas not to be sealed. A metal paint guard is also a great alternative for this step. Do not apply in temperatures below 50 degrees or above 95 degrees Fahrenheit. Use caution on windy days. Do not apply to wet surfaces. Best time of day to apply SilaCast BES is in the morning before the surface can absorb heat from the sun. If early application is not possible you can mist a light spray of water on the surface to help reduce the temperature of the substrate.

**Do not install when rain is expected within 24 hours.**

### **Ready to apply**

Start in the corner and work your way out. SilaCast BES can be applied to porous concrete pavers, stamped concrete, unglazed tile, natural or artificial stone, concrete roof tiles or brick surfaces. Apply a heavy mist saturating the surface working the spray tip in a circular motion overlapping somewhat. The product will appear milky white when applied and will turn clear when it starts absorbing in to the surface. Avoid puddles and drips. If puddles or drips occur use a paint roller, soft cloth or broom to smooth out these areas. Continue with this technique until the job is complete.

When finished locate any heavy spots and with a paint roller and extension pole gently back roll the area until leveled out.

Allow a minimum of 24 hours before walking on and 72 hours before driving on. Do not place any rugs or carpeting back for at least 3 weeks. Due to weather conditions such as humidity, sun, rain and application conditions some jobs might require more dry time.

### **COVERAGE RATES:**

**Coverage rates vary depending on porosity of the surface, type of paver, age and other environmental conditions.**

Average coverage rate is 800- 1000 square feet per 5 gallon pail on pavers and porous surfaces.

Stamped concrete and less porous materials can get up to 1200 sq ft per bucket.

### **LIMITATIONS:**

Weather:

Do not let product freeze. Store indoors at temperatures above 32 degrees Fahrenheit. Do not let product sit in direct sunlight or exposed to temperatures above 100 degrees Fahrenheit. Do not apply product when temperatures are below 50 degrees Fahrenheit and over 95 degrees Fahrenheit. Do not apply when treat of rain is imminent.

Surfaces:

SilaCast BES is designed for concrete pavers, concrete tiles, natural stone, travertine and other porous surfaces. It is not recommended to apply SilaCast BES to raw concrete surfaces. Undesired results may occur. The use of Deco 20 Clear Finish or Salt Shield is a better option. Please contact a Deco representative for more information.

It is recommended to have a skilled applicator apply our products. Always do a small test area to ensure desired results. Technical support is available by calling 800-500-DECO.

