

Sprayable Granite Effect Filler



StoneRidge offers the following benefits:

- Shipped as a non-hazardous, non-flammable material and will last indefinitely if properly stored
- Extraordinary cost savings when compared to other "wet" ready-to-spray products
- The ability to mix only what you need when you need it (mix today, spray today)
- Less shrinkage than thermoplastic granule products
- Superior bonding with your quality gelcoat system
- Outstanding coverage



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C O M P A N Y

Get the large aggregate look of Engineered Stone or Natural



Snow Drift
SGE 213



Cotton Wood
SGE 217



Frost
SGE 225*



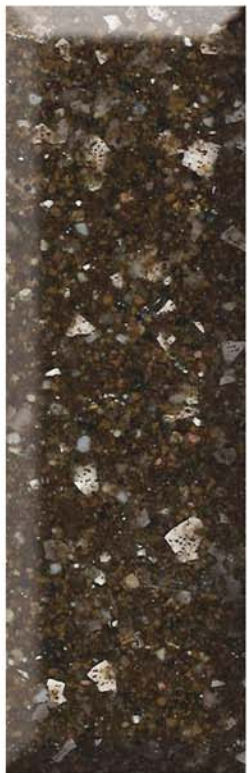
Boulder
SGE 245



Moonscape
SGE 263



Desert Road
SGE 303



Chocolate Fudge
SGE 383*



Hazelnut
SGE 386



Caramel Corn
SGE 397



Milky Way
SGE 425



Vesuvius
SGE 463*



Cayenne
SGE 845



Solid Surface granules are manufactured under The R.J. Marshall exclusive patent and contains up to 22% post industrial recycled content.



al Granite with Stone Ridge Spray Granite Extreme Series.



Latte
SGE 311*



Clam Shell
SGE 317



Quarry
SGE 332*



Rocky Trail
SGE 348



Maize
SGE 361



Bahama Sand
SGE 376



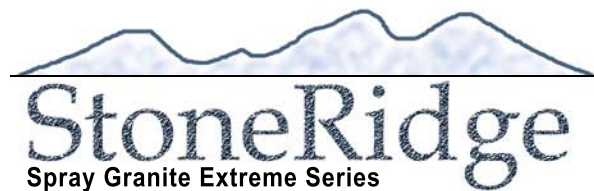
NEW! Arcadia
SGE 222*



NEW! Empire
SGE 285*



NEW! Sequoia
SGE 306*



Spray Granite Extreme (SGE) incorporates large hylite chips to create a more chunky appearance similar to engineered stone or natural granite and is designed to be used in cast polymer and fiberglass reinforced plastic applications. SGE builds opacity quickly and was developed to be sprayed at 30 - 40 mils thick wet behind a clear gelcoat or against the mold as a primary wear surface. SGE provides superior bonding with your quality clear gelcoat.



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Actual color and granule size will vary.
Final product determination must be based on your resin and process.

** Features a reflective additive.*

Equipment:

Spray Granite Extreme can be effectively applied with a cup gun and a #9 nozzle (9/32 inch orifice). For larger volume applications, a dry spray or a high volume wet spray system may be preferred. We suggest that molds be pre-wet with gelcoat before spraying these products through dry spray equipment to maximize transfer efficiency and minimize the chance for porosity on the surface of the part. If the spray equipment plugs: try a larger orifice, drill air intake hole larger on cup gun lid or add more gelcoat to the mix.

Filler/ Resin Ratio:

We recommend tumbling the SGE dry material then scooping the material out of the bucket. SGE should be mixed carefully into a good quality, clear gelcoat with UV light stability at a typical ratio of 63% gelcoat to 37% filler by weight. **SGE 285 Empire & SGE 306 Sequoia will need as much as 70% gelcoat due to the increased amount of large hylite chips in these colors.* Mix ratios may vary based on the gelcoat used. It is essential that a gelcoat with a thixotropic index of 5 or higher be used to provide the proper thixotropic conditions to hold granules and hylite chips in place on vertical surfaces. The opacity of the matrix is provided by the SGE so the filler loading should remain as high as possible. The large hylite chips in SGE will become flexible in a wet mix allowing them to be sprayed though a #9 nozzle. If the granules bounce off the mold when you spray, the mix is too thick. If the granules sag or the granite layer does not become opaque the mix needs additional filler.

Catalyst Levels:

The catalyst levels used should be based on recommendations from your gelcoat or catalyst supplier. If you are using a cup gun to spray the SGE you may want to consult your gelcoat manufacturer about the minimum catalyst levels to give you additional working time. Do not go below the minimum catalyst level your gelcoat manufacturer recommends.

Background Color/ Color Additives:

Pigmentation can be used to alter the color of SGE. Also, a pigmented backpour matrix or gelcoat back coat that matches the SGE color is recommended for best color results. Note, a change in background color can have an effect on the final appearance of SGE products.

Spraying Technique & Overflows:

Spray using multiple cross directional passes to ensure an even build-up and apply a total film thickness to 40- 50 mils wet or until the mold is covered to opacity. Avoid excess material build up in corner radiuses. Spraying under the overflows is particularly difficult. Make sure that extra care is taken to get good coverage in that area.

Backsplashes:

The granules will stop the backsplashes from closing tightly. Make sure the area where the backslash door fits up against the mold is well taped before spraying. Remove the tape and all granules that might stop a snug fit before closing the backslash door.

Thermal Cycling:

SGE makes certified cast polymer parts. For a superior product, use it behind gelcoat with 10% Prolite C 700 in the backfill matrix or use one of our Prolite products to make a part that can surpass 1000 cycles.

Appearance can be altered with change in:

Catalyzation, backfill pigmentation, resin to filler ratio and surface treatment.



toll free: 800-338-7900
customer care: 888-514-8600
www.Rjmarshall.com
salesinfo@rjmarshall.com

