





THE R. J.
MARSHALL
COMPANY



- Outstanding coverage
- Less shrinkage than thermoplastic granule products
- Superior bonding with your quality gelcoat system
- The ability to mix only what you need when you need it (mix today, spray today)
- Extraordinary cost savings when compared to other "wet" ready-to-spray products

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

Spray Granite Extreme (SGE) is shipped as a non-hazardous, non-flammable material and will last indefinitely if properly stored.



SGE 376 Bahama Sand



SGE 245 Boulder



SGE 317 Clam Shell



SGE 845 Cayenne



SGE 361 Maize



SGE 425 Milky Way

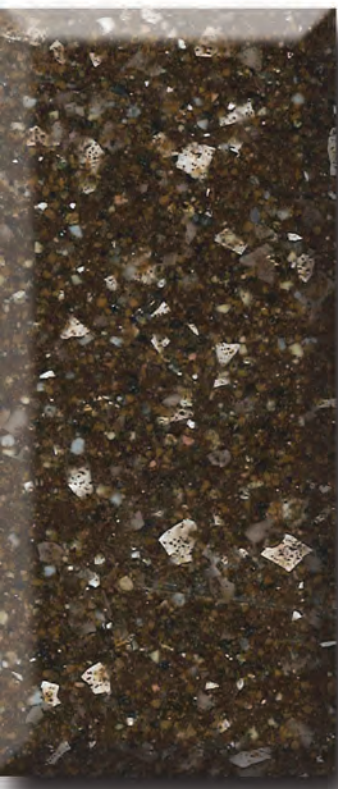


SGE 263 Moonscape



SGE 348 Rocky Trail

Get the large aggregate look of Engineered Stone or Natur



SGE 383 Chocolate Fudge



SGE 397 Caramel Corn



SGE 386 Hazelnut



SGE 311 Latte



SGE 213 Snow Drift



SGE 217 Cotton Wood **NEW!**



SGE 303 Desert Road **NEW!**



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

al Granite with Stone Ridge Spray Granite Extreme Series.



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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.

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 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 60% gelcoat to 40% filler by weight. 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 through 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.

Overflows- Spraying under the overflows is particularly difficult. Make sure that extra care is taken to get good coverage in this 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.

As with natural stone, colors may vary slightly. Appearance can be altered with change in catalyzation, backfill pigmentation, resin to filler ratio and surface treatment. Final product determination must be based on spraying in your process.