

Quarry Tone®

Granite FX Fillers



www.smooth-on.com

PRODUCT OVERVIEW

Quarry Tone® Granite FX Fillers are specially blended powders that can be added to some Smooth-Cast® liquid plastics or liquid rubbers to create realistic stone effects in finished castings. There are 10 granite effects powders to choose from, each with its own particle size and color.

LARGE PARTICLE



SHADOW GREY 99



BEIGE BLACK 87

MEDIUM PARTICLE



GREEN GREY 71



BLUE GREY 66



MOCHA TAN 53

SMALL PARTICLE



CHERRY 38



CHOCOLATE 20



MIDNIGHT BLUE 44



MEDIUM BLUE 26



SKY BLUE 19

PROCESSING RECOMMENDATIONS

For best results, use Quarry Tone® powders with a **fast-curing translucent resin such as Smooth-Cast® 325**. The fast curing resin allows uniform filler dispersion throughout the finished casting. If the resin system is too slow, fillers may settle unevenly in the finished casting. Quarry Tone® powders can also be added to translucent / clear silicone rubbers such as **Dragon Skin® or EcoFlex® Series** for granite-like props that are soft and flexible. Quarry Tone® powders can also be blended to create additional finished effects.

Directions for Use – Pre-mix before dispensing. Store and use all materials at or near 73°F/23°C. Quarry Tone® fillers must be kept dry (see 'Guarding Against Moisture' on reverse side). Use with adequate ventilation. Read and follow directions for resin used to mix with Quarry Tone® fillers. The following example features Smooth-Cast® 325 (A+B) mixed with Quarry Tone® powder. The powder must be thoroughly dispersed into a two component liquid resin or rubber to a uniform consistency.



1. Measure & dispense Smooth-Cast® 325 and Quarry Tone® filler. Mix ratio is 1 part A : 1 part B resin to 2 parts filler by volume.

2. After Quarry Tone® filler and Smooth-Cast® 325 are thoroughly combined, pour mixture into mold.

3. When the resin has fully cured the casting is ready to be demolded.

Recommended Mix Ratio by Volume;

1A + 1B + 2 Parts Powder Filler.

By Volume Mixing & Casting Procedure;

1. Dispense **1 cup** of Smooth-Cast® 325 Part B into a clean mixing container.
2. Dispense **2 cups** Quarry Tone® powder into mixing container.
3. Mix thoroughly.
4. Dispense **1 cup** of Smooth-Cast® 325 Part A into mixing container.
5. Mix for 30 seconds until all filler particles are dispersed and pour into rubber mold.

Guarding Against Moisture – All powders will absorb atmospheric moisture over time which will react with urethane resins. If you notice a moisture reaction between resin and powder or suspect that your Quarry Tone® powder contains moisture, you can remedy by spreading powder evenly over a metal cookie sheet at ¼" (0.6 cm) thickness and bake in oven for 4 hours at 150° F/60° C. Allow to cool before mixing powder with resin. **Store powder tightly closed container in a cool, dry environment with a desiccant pouch** (available at your local hobby/arts and crafts store). Replace used desiccant pouches every other time you open container.

Safety First!

The material safety data sheet (MSDS) for this or any Smooth-On product should be read before using and is available on request. All Smooth-On products are safe to use if directions are read and followed carefully.

Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with volatile chemicals as they may be absorbed onto product.

Approved respirator may be necessary if local exhaust ventilation is not adequate. Wear eye/face protection. Wear suitable protective clothing. No special protective equipment required. Handle in accordance with good industrial hygiene and safety practice.

Keep Out Of Reach Of Children.

IMPORTANT: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.



Call Us Anytime With Questions About Your Application

Toll-free: **(800) 762-0744** Fax: **(610) 252-6200**

2000 Saint John Street • Easton, PA 18042 • USA

www.smooth-on.com is loaded with information about mold making, casting and more.