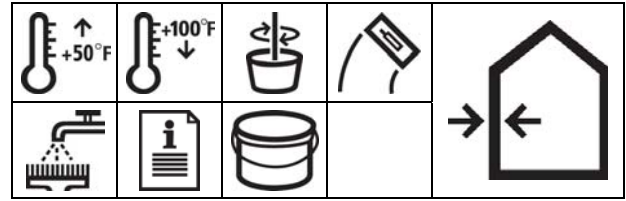


# StoCreativ<sup>®</sup> Granite

80173 StoCreativ Granite



Technical Data			
REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
<b>Water Vapor Permeance</b>	ASTM E-96	Measure	16 perms (919 ng/ Pa·s·m <sup>2</sup> )
<b>Moisture Resistance</b>	ASTM D-2247	14-day exposure	No deleterious effects
<b>Tensile Bond Strength</b>	ASTM C-297	Cohesive failure of EPS	Passes
<b>Flame Spread</b>	ASTM E-84	< 25 Flame Spread < 450 Smoke Developed	5 5
<b>Salt Spray Resistance</b>	ASTM B-117	300 hours	No deleterious effects
<b>Wet-Scrub Resistance</b>	ASTM D-2486	2000 scrub cycles	Passes
<b>Accelerated Weathering</b>	ASTM G-53	3000 hours	No deleterious effects
<b>Mildew Resistance</b>	ASTM D-3273	100 hours exposure	Passes
<b>Algae Resistance</b>	LAB	250 hours exposure	Passes
<b>VOC (g/L)</b>	This product complies with US EPA (40 CFR 59) and South Coast AQMD (Rule 1113) VOC emission standards for architectural coatings. VOC less than 50 g/L.		

StoCreativ Granite is an acrylic-based interior and exterior wall finish, formulated for durability and low maintenance for new construction or renovation. It is trowel-applied and designed to provide the look of cut or polished granite, but in a versatile lightweight finish coating.

StoCreativ Granite may be used as a finish coating in Sto Wall Claddings, including StoTherm Classic NExt<sup>®</sup>.

### Coverage

85-100 ft<sup>2</sup> (7.9-9.3 m<sup>2</sup>) per pail. Coverages may vary depending on application technique and surface conditions.

### Packaging

5 gallon pail (19 L).

### Shelf Life

12 months, if properly stored and sealed.

### Storage

Protect from extreme heat [90°F (32°C)], freezing and direct sunlight.

Features	Benefits
1 <b>Variagated Aggregates</b>	Smooth, lustrous granite look with less weight
2 <b>Vapor Permeable</b>	Allows substrate to breathe naturally
3 <b>Ready-Mixed</b>	Ready to use; no additive needed
4 <b>Pure Acrylic</b>	Excellent adhesion
5 <b>Water-Based</b>	Safe, non-toxic; cleans up with water
6 <b>VOC Compliant</b>	Meets South Coast Air Quality Management District (SCAQMD) requirements

## Surface Preparation

### Concrete and masonry surfaces:

Surfaces must be clean, dry, free of frost, damage, and all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter. Loose or damaged material must be removed by water blasting, sandblasting or mechanical wire brushing and repaired. Avoid application over irregular surfaces. Resurface, patch or level surfaces to required tolerance and smoothness with appropriate Sto leveling materials. Fill surface voids for coatings. Refer to ASTM D-4258 and ASTM D-4261 for complete

details on methods of preparing cementitious substrates for coatings.

**StoTherm<sup>®</sup> Exterior Insulation and Finish Systems (EIFS):** Surface must be free of all bond-inhibiting materials.

**Gypsum wallboard surfaces:** Wallboard must be taped and fasteners spotted with joint compound. Refer to ASTM C-840 and gypsum wallboard manufacturer's literature. Surface must be free of dust, dirt and other bond-inhibiting materials. Surface must be primed with appropriate tinted Sto Primer.

## Mixing

Mix with a clean, rust-free electric drill and paddle. A small amount of clean water may be added to aid workability.

Limit addition of water to amount needed to achieve the finish texture.

**CAUTION:** Do not overmix. Overmixing will cause a fracturing of the mica in the product.

# StoCreativ<sup>®</sup> Granite

## Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces. Apply the appropriate tinted Sto Hot Prime<sup>®</sup> uniformly by spray, roller or brush to the prepared dry surface. Allow primer to dry approximately 2-4 hours, depending on ambient conditions.

Apply with a clean stainless steel trowel to a thickness of the largest aggregate size and work the trowel to make the surface smooth. Press down firmly using a flat trowel technique to bring the mica to the surface and enhance the granite appearance. Once applied, the working time is up to 15 minutes depending upon material, ambient temperatures and surface conditions. Allow to thoroughly dry, allowing a minimum of 24 hours.

**IMPORTANT:** ALWAYS check color for proper match. If color does not match, STOP-call your Sto representative. Always prime substrates with appropriate Sto Primer tinted to match the finish coat. Apply coating in a continuous application, always working from a wet edge or architectural break to eliminate cold joints. Minor shade variations may occur from batch to batch (refer to batch no. on pail).

## Limitations

- Use only when surface and ambient temperatures are above 50°F (10°C) and below 100°F (38°C) during application and drying period. Damp, humid weather will retard drying time and may cause a non-uniform appearance.
- StoCreativ Granite should not be used on weather-exposed horizontal, sloped, below grade, or water immersed surfaces.
- Periodic sealing or re-sealing is necessary to maintain integrity of finished exterior and interior wall surfaces.
- Seal or re-seal whenever the clear film has lost substantial gloss.
- Check batch numbers before applying material. For best results, apply material from the same batch number to a specific wall area.
- StoCreativ Granite contains naturally occurring stones that are unable to be completely controlled. Trace levels of off-color particles may be present. Due to the color variation in the natural stone, Sto Corp. is unable to guarantee the color consistency of this product from sample to sample, sample to batch, and batch to batch. For these reasons it is recommended that the entire project be ordered in a single order.
- If multiple batches are required to complete a single job, utilize architectural breaks and boxing of the batches to minimize variation in the final appearance.

Avoid installing separate batches side-by-side and avoid application in direct sunlight. Avoid installing new finish adjacent to weathered or aged finish. Sto Corp. will not be responsible for shade or color variation from batch to batch, variation caused by application or substrate deficiencies, or fading resulting from natural causes such as weather. See Tech Hotline Nos. 0694-C, 0893-EC and 1202-CF for helpful tips on prevention of color problems.

Protect installed product from rain, freezing, and continuous high humidity until completely dry. Apply in a trial area first to be sure of desired results.

## Curing/Drying

Requires minimum 24 hours and moderate, dry weather for complete drying. Drying time increases significantly with low temperatures, wet or humid weather, which may cause a non-uniform appearance. Avoid installation during cool, damp weather conditions.

## Clean Up

Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

## Health And Safety

### Health Precautions

Product is water based. As with any chemical construction product, exercise care when handling.

### Safety Precautions

Use adequate ventilation. Safety goggles and protective gloves are recommended. Remove contaminated clothing immediately.

### First Aid

**SKIN CONTACT:** Wash thoroughly with soap and water.

**EYE CONTACT:** Flush immediately with water for 10-15 minutes and contact a physician. **RESPIRATORY PROBLEMS:** Remove affected person to fresh air immediately and contact a physician. **HYGIENE:** Wash hands immediately after use. Wash clothing before re-use.

### Spills

Collect with suitable absorbent material such as cotton rags.

### Disposal

Dispose of in accordance with local, state or federal regulations.

### Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet for further health and safety information. Material Safety Data Sheet (MSDS) is available at [www.stocorp.com](http://www.stocorp.com)

### LIMITED WARRANTY

This product is subject to a written limited warranty which can be obtained free of charge from Sto Corp.

*Refer to Sto Specifications for more complete information on proper use and handling of this product.*

**Sto Corp.**  
3800 Camp Creek Parkway  
Building 1400, Suite 120  
Atlanta, GA 30331

Tel: 404-346-3666  
Toll Free: 1-800-221-2397  
Fax: 404 346-3119

[www.stocorp.com](http://www.stocorp.com)

**S155-80173**  
Revision: 001  
Date: 06/2009



## Attention

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. **STO CORP. DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.** For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, [www.stocorp.com](http://www.stocorp.com).