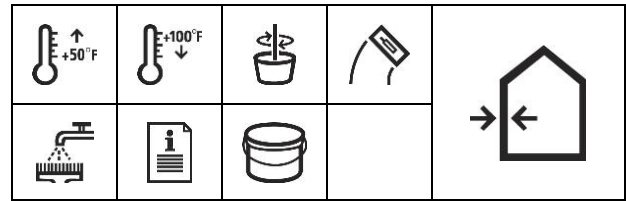


StoCreativ[®] Granite

80173 StoCreativ Granite



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Water Vapor Permeance	ASTM E-96	Measure	16 perms (919 ng/ Pa·s·m ²)
Moisture Resistance	ASTM D-2247	14-day exposure	No deleterious effects
Tensile Bond Strength	ASTM C-297	Cohesive failure of EPS	Passes
Flame Spread	ASTM E-84	< 25 Flame Spread < 450 Smoke Developed	5 5
Salt Spray Resistance	ASTM B-117	300 hours	No deleterious effects
Wet-Scrub Resistance	ASTM D-2486	2000 scrub cycles	Passes
Accelerated Weathering	ASTM G-53	3000 hours	No deleterious effects
Mildew Resistance	ASTM D-3273	100 hours exposure	Passes
Algae Resistance	LAB	250 hours exposure	Passes
VOC (g/L)	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 for Sto Wall Claddings including StoTherm[®] ci.

Coverage

85-100 ft² (7.9-9.3 m²) 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 Variegated Aggregates	Smooth, lustrous granite look with less weight
2 Vapor Permeable	Allows substrate to breathe naturally
3 Ready-Mixed	Ready to use; no additive needed
4 Pure Acrylic	Excellent adhesion
5 Water-Based	Safe, non-toxic; cleans up with water
6 VOC Compliant	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[®] ci Systems: 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[®] Granite

Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces.

Surface must be primed with the appropriate Sto primer, tinted to match the finish coating. Apply the appropriate tinted Sto primer uniformly by spray, roller, or brush to the prepared dry surface. Allow primer to dry. Drying should occur in approximately 2-4 hours, depending on ambient and surface conditions.

Substrates and Recommended Primers

Substrate	Min. Age	Primer	WFT (DFT)
Concrete	7d	StoPrime Hot	5 (2.1)
Stucco	7d	StoPrime Hot	5 (2.1)
CMU	28d	StoPrime Hot	14-16
EIFS	N/A	StoPrime Sand	4-6 (1.6-2.3)
Painted	N/A	Depends on paint & its condition. Test to determine best primer	

Note: Selection of proper primer can vary depending actual substrate conditions such as pH, absorption, texture, and desired aesthetic look. Evaluate surface condition and adhesion to surface.

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 StoPrime Hot, tinted to match the finish coat.

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.

Health And Safety

Health Precautions

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

WARNING!

Causes eye and skin irritation.

Precautionary Statement

Wash hands thoroughly after handling. Wear protective gloves/protective clothing /eye protection/face protection.

FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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 Safety Data Sheet for further health and safety information. Safety Data Sheet (SDS) is available at 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.

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S155-80173
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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 EXPRESSED 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.