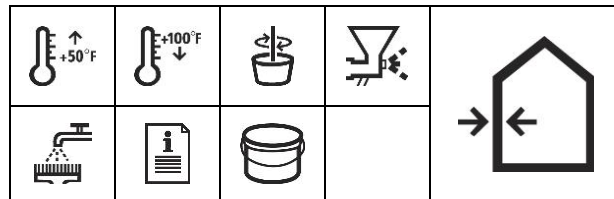


Sto GraniTex™

80171 Sto GraniTex



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Water Vapor Transmission (U.S. perms)	ASTM D-1653 Modified	28 days	63
Corrosion Resistance after Salt Spray	ASTM B-117	300 hours	No deleterious effects
Flexibility	ASTM D-522	1/8" (3.2 mm) mandrel bend	Pass
Adhesion to Concrete (psi) [kPa]	ASTM D-4541	28 days	> 80 [522]
Accelerated Weathering	ASTM G-53	2000 hours	No deterioration, cracking or yellowing at 2000 hours.
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.		

Sto GraniTex is an acrylic-based interior and exterior wall finish, formulated for durability and low maintenance in new construction and renovation.

Sto GraniTex is spray applied and available in a range of color combinations designed to look and feel like natural stone. Sto GraniTex may be used as a finish coating for Sto Wall Claddings including StoTherm® ci.

Coverage

60 – 80 ft² (5.6 – 7.4 m²) per pail.

Coverages may vary depending on application technique and surface conditions.

Features Benefits

1 Vapor Permeable	Allows substrate to breathe naturally; resists blisters caused by trapped vapor
2 Ready-Mixed	Ready to use; no additive needed
3 Water Based	Safe, non-toxic; cleans up with water
4 Architectural Flexibility	Unlimited design capabilities, using EPS
5 Variegated Aggregates	Cut stone and granite look with less weight
6 Pure Acrylic Matrix	Excellent adhesion and weather ability
7 UV Resistant	Colors remain bright
8 VOC Compliant	Meets South Coast Air Quality Management District (SCAQMD) requirements.

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.

Surface Preparation

Concrete and masonry surfaces: Surfaces must be clean, dry, and 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.

Refer to ASTM D-4258 and ASTM D-4261 for complete details on methods of preparing cementitious substrates for coatings.

StoTherm® Exterior Insulation and Finish Systems (EIFS): Surfaces must be free of all bond-inhibiting materials.

Gypsum wall board surfaces: Wallboard must be taped and fasteners spotted with joint compound. Refer to ASTM C-840 and gypsum wallboard manufacturer's literature.

Surfaces must be free of dust, dirt, and other bond-inhibiting materials.

Mixing

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

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

Sto GraniTex™

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.

Spray Sto GraniTex with a hand-held, gravity-feed, hopper-type sprayer. Adjust air pressure and flow to achieve desired texture and uniform coverage, to a thickness of not less than 1/8" (3.2 mm). (Note: use a hopper style sprayer - do not use pressure pot style sprayer).

Allow Sto GraniTex to thoroughly dry, allowing a minimum of 24 hours. When dry, apply Sto Clear Coat Sealer with brush, roller, or proper spray equipment. Two coats are recommended for best results.

IMPORTANT: ALWAYS check color for proper match. If color does not match, STOP – call your Sto representative. For best results always prime cementitious substrates.

Limitations

- Use Sto GraniTex only when ambient and surface conditions are above 50°F (10° C) and below 100°F (38°C) during application and drying period.
- Sto GraniTex should not be used on weather-exposed horizontal, sloped, below grade, or water immersed surfaces.
- Periodic inspection of Sto GraniTex and recoating with Sto Clear Coat Sealer should be anticipated.

Apply finish 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).

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.

Curing/Drying

Sto GraniTex requires 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.

- Recoat with Sto Clear Coat Sealer whenever the clear film has lost substantial gloss.
- Minor color variation may occur from batch to batch, due to variation of natural aggregates and other raw materials.
- Sto GraniTex should be ordered so that the entire project can be completed from the same production batch.
- Coverage may be diminished substantially when using this product for soffit or other overhead applications.

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 (SDS) on www.stocorp.com for further health and safety information.

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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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.