

Sto GraniTex

171 Sto GraniTex

Division 7

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 in Sto's Classic Cladding Systems, including Sto Classic NEXT™.

Features & Benefits

Vapor permeable

Allows substrate to breathe naturally; resists blistering caused by trapped water vapor

Ready-mixed

Ready to use; no additive needed

Water-based

Safe, non-toxic; cleans up with water

Architectural flexibility

Unlimited design capabilities, using EPS

Variegated aggregates

Cut stone and granite looks with less weight

Pure acrylic matrix

Excellent adhesion and weatherability

UV resistant

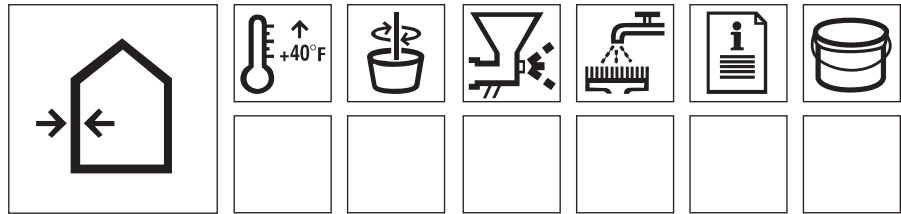
Colors remain bright

Technical Data

| TEST | METHOD | CRITERIA | 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 [552] |
| Accelerated Weathering | ASTM G-53 | 2000 hrs | No deterioration, cracking or yellowing at 2000 hrs. |

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Coverage

60-80 ft² (5.6-7.4 m²) pail

Coverages may vary depending on application technique and surface conditions.

Packaging

5 gal. 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 free of all bond-inhibiting materials, including dirt, efflorescence, form oil, and other foreign matter. Loose or damaged material must be removed by waterblasting, 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.

Sto 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.

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 proper spray equipment. Adjust air pressure and flow to achieve desired texture and uniform coverage, to a thickness of not less than 1/8" (3.2 mm).

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. 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). 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.

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. 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.

Health & Safety

Health Precautions

Product is water-based. As with any chemical construction products, 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 in accordance with local, state or federal regulations.

Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet 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., 3800 Camp Creek Parkway, Building 1400, Suite 120, Atlanta, GA 30331; Tel: 404-346-3666; Fax: 404-346-3119

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

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