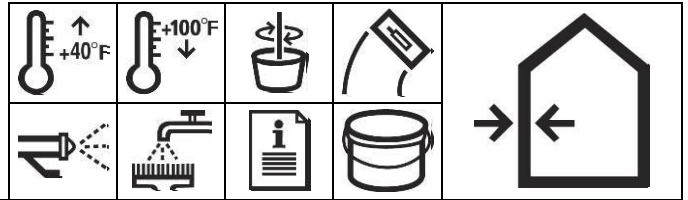


Sto Element® Textured Finish

81514 Sto Element Fine
 81560 Sto Element Medium
 81645 Sto Element Swirl



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Salt Spray	ASTM B117	300 hours	No deleterious effects
Water Resistance	ASTM D2247	14 days	No deleterious effects
Tensile Adhesion	ASTM D4541	EIFS: minimum 103 kPa (15 psi)	Greater than 147 kPa (20 psi)
Freeze-thaw Resistance	ASTM E2485	60 cycles	No deleterious effects @ 60 cycles
Accelerated Weathering	ASTM G155	2000 hours	No deleterious effects @ 2000 hrs
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 Element is a ready-mixed, acrylic-based exterior or interior decorative and protective textured wall finish for use in StoTherm® ci Systems and over prepared vertical above grade concrete, masonry, stucco, and cement board substrates.

Coverage
 Sto Element Fine: 13 – 15 m² (140-160 ft²) per pail
 Sto Element Medium: 10 – 12 m² (110-130 ft²) per pail
 Sto Element Swirl: 11 - 13 m² (120-140 ft²) per pail

Features Benefits

1 Ready-Mixed	No additives or proportioning of ingredients
2 Integral Sto HP Colourants	Reliable uniform colour
3 Moisture Resistant	Repels water; resists wind driven rain
4 Water-based	Safe, non-toxic; cleans up with water
5 Low VOC	Low environmental impact, improved IAQ

Coverages may vary depending on application technique and surface conditions.

Surface Preparation

Concrete, masonry, stucco and cement board surfaces: surfaces must be fully cured, clean, dry, and free of frost, damage, and all bond-inhibiting materials, including dirt, dust, 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. For best results use the appropriate Sto primer prior to applying finish. Refer to applicable product bulletin.

StoTherm® ci: surface must be dry and free of all bond-inhibiting materials. Prime portland cement base coats with Sto Primer tinted to the same colour as the finish for best results.

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 Sto primer tinted to the same colour as the finish.

Packaging
 19L pail (5 gal).

Shelf Life
 12 months, if properly sealed and stored.

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

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.

Sto Element® Textured Finish

Application

Apply with a clean stainless steel trowel to a rough thickness slightly more than the largest aggregate size. Use the trowel to scrape the material down to a uniform thickness no greater than the largest aggregate size. Achieve final texture by floating with a stainless steel or plastic trowel in a figure eight motion. Once applied, the working time is up to 20 minutes depending upon material, ambient temperatures and surface conditions.

Spray Application: spray evenly with appropriate spray equipment to ensure full coverage of the surface.

IMPORTANT: ALWAYS check colour for proper match. If colour 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 colour 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 colour problems. Protect installed product from rain, freezing, and continuous high humidity until completely dry.

Curing/Drying

Dries within 24 hours under normal drying conditions [21°C (70°F), 50% RH]. Drying time varies with temperature/humidity and surface conditions. Thicker textures and application during cold, wet weather require extended drying time and protection.

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

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.

Limitations

- Use only when surface and ambient temperatures are above 4°C (40°F) and below 38°C (100°F) during application and drying period.
- StoTherm ci and other EIF Systems: select colours with a lightness value of 20 or greater.
- Refer to Sto Tech Hotline No. 1294-E Refer to Sto Tech Hotline 0893-EC when using intense, highly saturated colours or colours requiring the use of organic pigments
- Not for use on weather-exposed horizontal surfaces, below grade, or on surfaces subject to water immersion.
- Sloped surfaces: Refer to Sto details.

Sto Canada Ltd.
1821 Albion Road
Unit 1 – 2
Etobicoke, ON M9W 5W8

Tel: (416) 855-0460
Toll Free: 1-800-221-2397
Fax: 404 346-3119

www.stocanada.com

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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 ST O ' S WARRANT Y - PRO GRAMS WHI CH ARE SUBJECT T O CHANG E FROM TIME T O 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 Canada Ltd. website, www.stocanada.com.