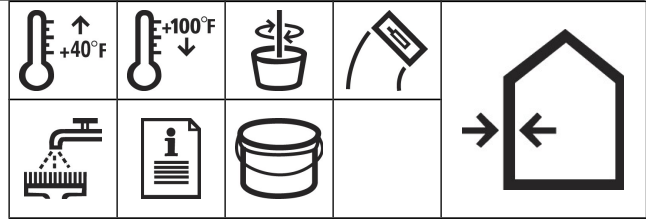


Sto Limestone Finish

80158 Sto Limestone Finish



Technical Data

For technical information refer to product bulletins:

80130 Stolit Finishes and
80280 Sto Powerflex Finishes

Sto Limestone provides the classic beauty of stone in a lightweight and easily installed premium architectural wall finish. It features the look and feel of natural stone at a fraction of the expense.

A variety of colors and pure, white marble aggregates and 100% acrylic polymer formulation makes Sto Limestone an excellent choice whether the application is new construction or renovation, and over prepared vertical concrete, masonry and plaster substrates and in Sto Claddings, including StoTherm® Classic and StoTherm® ci Classic. Sto Limestone can also be created using Sto Powerflex elastomeric finishes for application over Portland Cement Plaster.

When designed as part of a Sto Wall Cladding, a wide variety of costly stone elements like quoins, arches and reliefs can be readily fashioned from lightweight material and finished with Sto Limestone to enhance the beauty of the building design at reduced weight and cost.

Option 1:
Stolit 1.0 + Stolit Freeform

Option 2:
Stolit 1.0 + Stolit Lotusan Freeform

Option 3:
Powerflex Fine + Powerflex Freeform

Coverage

Stolit 1.0: 140-165 ft² per pail (13-15.3 m²).

Stolit Freeform 300-400 ft² per pail (28-37 m²).

Stolit Lotusan Freeform 40-130 ft² per pail (3.7-12.1 m²).

Stolit Powerflex Fine: 148-158 ft² per pail (13.7-14.7 m²).

Sto Powerflex Freeform: 300-400 ft² per pail (28-37 m²).

Coverages may vary depending on application technique and surface conditions.

Features	Benefits
1 Limestone Look	The classic beauty of natural stone in a durable acrylic-based finish
2 Lightweight	The look and feel of natural stone at a fraction of the weight for cost savings on materials, application and structural requirements
3 Integral Color	Lasting uniform color
4 Moisture Resistant	Repels water; resists wind driven rain
5 Water-Based	Safe, non-toxic; cleans up with water

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 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® 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 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.

Packaging

5 gal pail (19L).

Color

For best results finishes should be tinted as closely as possible to the same color. See Sto Limestone Sales Sheet for popular colors.

Shelf Life

18 months, if properly sealed and stored.

Storage

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

Sto Limestone Finish

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.

Application

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

Method to achieve Sto Limestone Finish Texture:

Step One*: Apply Stolit 1.0 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. Float the finish to a uniform fine pebbled texture using a plastic float or a stainless steel trowel in a figure eight motion. Allow to dry completely – Stolit dries within 24 hours under normal [70°F (21°C), 50% RH] conditions.

Step Two**: Apply Stolit Freeform or Stolit Lotusan Freeform with a clean stainless steel trowel. Scrape down to an even and extremely tight application. Immediately float finish using a plastic trowel in a random figure 8 motion.

* For elastomeric version, substitute Sto Powerflex Fine in place of Stolit 1.0.

**For elastomeric version, substitute Sto Powerflex Freeform in place of Stolit Freeform.

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.

Curing/Drying

Dries within 24 hours under normal conditions [70°F (21°C), 50% RH]. Drying time varies with temperature/humidity and surface conditions. Protect installed product from rain, freezing, and continuous high humidity until completely dry.

Clean Up

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

Health And Safety

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.

Store locked up.

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 Sto Finishes only when surface and ambient temperatures are above 40°F (4°C) and below 100°F (38°C) during application and drying period.
- For Exterior Insulation and Finish Systems (EIFS), select colors with a lightness value of 20 or greater.
- Sto Finishes should not be used on weather-exposed horizontal, below grade or water immersed surfaces.
- Sloped surfaces: Refer to Sto details.
- Additional material and applications costs should be expected due to the installation of two separate finishes in two separate steps.

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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.