

Stolit[®] MAX

80260 Stolit MAX Fine
 80261 Stolit MAX Medium
 80262 Stolit MAX Swirl



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Flexibility	ASTM D-522	13 mm (1/2") mandrel bend @ -2° F (-18° C)	Pass
Surface Burning	ASTM E-84	≤ 25 Flame Spread ≤ 450 Smoke Developed	< 25 < 75
Water Vapor Permeability	ASTM E 96 Method B	> 57.2 ng/Pa·sm ² (1 US Perm)	> 287 ng/Pa·sm ² (5 US Perms)
Water Absorption	DIN 52 617	after 28 day outdoor exposure	110g/m ² /24 hr
Wind Driven Rain	Fed TT-C-555B	24 hour driving rain	No water penetration
Adhesion	ASTM C-297 Modified	28 days	> 345 kPa (50 psi)
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.		

Stolit MAX is a ready mixed, decorative and protective elastomeric textured wall finish for use over prepared, vertical, above-grade EIFS, stucco, concrete and masonry surfaces.

Coverage

Stolit MAX Fine:
 175-200 ft² (15.75-18 m²) per pail

 Stolit MAX Medium:
 140-175 ft² (12.6-15.75 m²) per pail

 Stolit MAX Swirl:
 150-180 ft² (13.5-16.2 m²) per pail

Coverages may vary depending on application technique and surface conditions.

Features Benefits

1 Elastomeric	Bridges hairline cracks
2 Acrylic-Based	Excellent adhesion; weather-resistant
3 Ready-Mixed	Ready to use; no additives needed
4 Water-Based	Safe; non-toxic; cleans up with water

Packaging

5 (19 L) gallon pail.

Shelf Life

18 months, if properly stored and sealed.

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 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.

Stolit MAX

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, clean, dry, properly prepared, frost-free surfaces. Apply Stolit MAX 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 the appropriate trowel in a figure-eight motion; stainless steel trowel for Stolit MAX Fine or Medium (pebbled texture finishes) and plastic float for Stolit MAX Swirl (rilled texture finishes). Once applied, the working time is up to 20 minutes depending upon material, ambient temperatures and surface conditions.

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.

EIFS: select colors with a lightness value of 20 or greater.

Curing/Drying

Product dries overnight under normal conditions [70°F (21°C), 50% RH]. Drying time varies with temperature/humidity and surface conditions.

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 (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.

Limitations

- Use only when surface and ambient temperatures are above 40°F (4°C) and below 100°F (38°C) during application and drying period.
- Sloped surfaces: minimum required slope is 1:2 (27°) and maximum width is 12" (300 mm). Sto Mesh embedded in Sto Flexyl is required beneath finish coating. Increase slope for northern climates to prevent accumulation of ice/snow and water on surface.
- Stolit MAX should not be used on horizontal, below grade or water immersed surfaces.
- Periodic inspection and increased maintenance of coating may be required.
- Application of Stolit MAX below grade is not recommended. Stolit MAX is not recommended over interior wall surfaces .

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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.