

Sto Flexible Skim Coat

80213 Sto Flexible Skim Coat



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Working Time (minutes)			15-45
Adhesion (psi)	ASTM D-4541	7 days	>100
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.		

Note: To convert psi to mega pascal (MPa) multiply by 0.0069. To convert U.S. perms to g/Pa-s-m² multiply by 5.72 x 10⁶.

Sto Flexible Skim Coat is an acrylic-based surface leveler and ground coat that weatherproofs and bridges hairline cracks. Use it for leveling and weatherproofing vertical above-grade concrete, stucco or masonry block surfaces. It provides a fast way to seal cracked surfaces.

Features

Benefits

1 Acrylic-based	Ensures adhesion to substrate; provides internal flexibility and weather resistance
2 Flexible	Bridges hairline cracks
3 Weather-resistant	Repels water
4 Non-vapor Barrier	Allows substrate to breathe naturally; resists blisters caused by trapped vapor
5 Creamy Consistency	Easy to apply; trowels smooth
6 VOC Compliant	Meets South Coast Air Quality Management District (SCAQMD) Requirements
7 Water Clean Up	Tools can be reused; no hazardous solvents needed; environmentally friendly

Coverage

40-70 ft² per gal, applied at 1/32 inch thick (4-6 m² per 3.8 L, at 0.8 mm thick).

Packaging

5 gallon pail (19 L).

Shelf Life

12 months in original, unopened, properly stored container.

Storage

Store in a dry area between 50°F (10°C) and 85°F (29°C). Protect from direct sunlight and extreme heat [90°F (32°C)]. Protect from freezing.

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Surface Preparation

Remove loose and deteriorated materials by high-pressure (> 3000 psi [20.7 MPa]) water blasting, sandblasting or mechanical wire brushing. Make sure surfaces are sound, clean, and free of all bond-inhibiting materials including mildew, dust, dirt,

laitance and standing water.

NOTE: If substrate is dusting, chalking or painted, consult Sto representative.

Mixing

Use Sto Flexible Skim Coat at a preconditioned temperature of 70 ± 5°F (21 ± 3°C). Mix with a clean, rust-free electric drill and paddle.

A small amount of water may be added to aid workability.

Application

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

smooth wrinkles, force down and cover with material.

Apply in 1/16 inch (1.6 mm) thick coat with a stainless-steel trowel. Immediately trowel the product level.

Curing/Drying

Allow a minimum drying time of 24 hours before over-coating. Protect from rain, freezing and continuous high humidity until completely dry.

Once applied, the working time is 15-45 minutes, depending upon material, ambient and surface conditions.

Clean Up

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

For crack bridging and changes of planes, embed repair mesh into the freshly applied material,

Limitations

- Apply only when ambient and surface temperatures are 45°F (7°C) and rising.
- The minimum required thickness is 1/32 inch (0.8 mm); the maximum allowable thickness is 1/16 inch (1.6 mm).
- Do not use to bridge cracks greater than 1/32 inch (0.8 mm).
- Requires overcoating with Sto elastomeric finish material.

- Do not overcoat with solvent-based materials.
- Do not use below grade or on surfaces subject to continuous or intermittent water immersion.
- Do not use to waterproof sloped surfaces.
- Do not use as a finish.

Health And Safety

Health Precautions

Product is water-based. As with any chemical construction product, 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 reuse.

Spills

Collect in an appropriate container. Uncured material may be removed with water.

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 Material Safety Data Sheet 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.

Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331

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Revision: 01
Date: 09/2010

Tel: 404-346-3666
Toll Free: 1-800-221-2397
Fax: 404 346-3119

www.stocorp.com

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 EXPRESS 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.