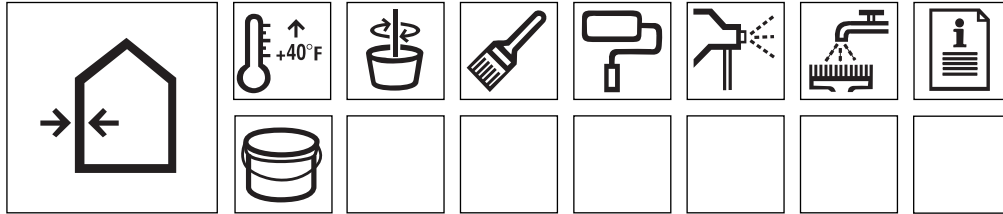


Sto Concrete Coating - Smooth



Sto Concrete Coating Smooth is an acrylic-based interior and exterior coating. This product is designed to perform as a block filler/primer in exterior or interior applications.

Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS 232
Adhesion to Concrete psi (MPa)	ASTM D-4541	28 Days	345 (2.38)
Mold Resistance	ASTM D 3273	28 days > 85% humidity	No Mold Growth
Solids Content by Volume (%)			67
Moisture Resistance	ASTM D 2247	14 days	No Deterioration
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.		
Application Thickness Wet mils (mm)			5 - 7 (0.13 - 0.18)
Tested Thickness Dry mils (mm)			3.5 (0.09)

Note: To convert psi to megapascal (Mpa) multiply by 0.0069.

Key: NM = Not measured or reported. (Dry mil thickness not used to measure textured coatings). NT = Not Tested

Volume Yield

+/- 4.7 gal.

Coverage

SMOOTH: 160-220 ft²/gallon coat at 5-7 wet mils/coat (0.13-0.18 m²/L/coat). Coverage may vary depending on application techniques and surface condition including smoothness and porosity. One coat typical if only a primer.

Packaging

5 gallon pail (19 L).

Color

800 Standard Colors or Custom Color Match.

Shelf Life

12 months, if properly stored and sealed.

Storage

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

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Health And Safety

Features	Benefits
1 Acrylic-based	Excellent adhesion; weather-resistant
2 Vapor permeable	Allows substrate to breathe naturally; resists blisters caused by trapped vapor
3 Water-based	Safe, non-toxic; cleans up with water
4 Low VOC	Safe for workers and the environment.

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. Fill surface voids. Refer

to ASTM D-4258 and ASTM D-4261 for complete details on methods of preparing cementitious substrates for coatings.

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.

Mixing

Mix with a clean, rust-free electric drill and paddle.

Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces. Apply Sto Concrete Coating-Smooth with brush, roller, or proper spray equipment in one coat. Recommended dry mil thickness is 5-10 mils per coat. One coat typical, if only a primer.

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 number 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 caused by application or substrate deficiencies, or fading resulting from natural causes such as weather. See tech Hotline numbers 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

Dries within 24 hours under normal [70°F (21°C), 50% RH] conditions. 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.

Limitations

Use only when surface and ambient temperatures are above 40°F (4°C)

during application and drying period. Application below grade is not recommended.

How It's Used

Sto Concrete Coating-Smooth is an acrylic-based coating that protects against weather, salts, and environmental pollutants. Use it for protecting vertical concrete, stucco, EIFS, masonry block,

or previously acrylic-coated surfaces. It goes on quickly by spray, roller or brush. Tools and equipment clean-up easily with water.

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 with suitable absorbent material such as cotton rags.

Disposal

Dispose of in accordance with local, state or federal regulations.

Warning

KEEP CONTAINERS 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 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.

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.

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