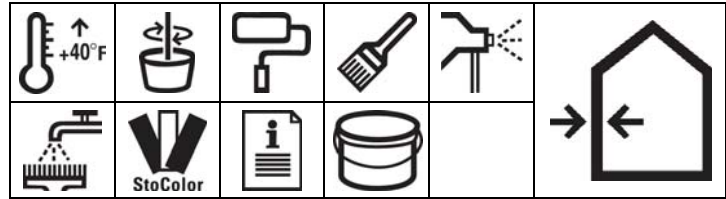


Product Bulletin

**Sto Primer Smooth**

80804 Sto Primer Smooth

P.A.R.A.: 2,2.02,F



**Technical Data**

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
<b>Surface Burning</b>	ASTM E-84	< 25 Flame Spread	Pass
		< 450 Smoke Developed	Pass
<b>Percent Solids</b>			
<b>By volume</b>			45.9
<b>By weight</b>			67.1
<b>VOC (g/L)</b>	This product complies with US EPA (40 CFR 59) and South Coast AQMD (Rule 1113) VOC emission standards for architectural coatings. VOC less than 100 g/L.		

*Sto Primer Smooth is used for priming prepared concrete, masonry, plaster, EIFS base coat, or drywall surfaces prior to application of Sto Finishes and Coatings and as a block-filling concrete masonry primer.*

**Coverage**

Sto Primer Smooth:  
1250-1885 ft<sup>2</sup> (116-175 m<sup>2</sup>) per pail applied at 4 to 6 wet mils per coat  
750-1100 ft<sup>2</sup> (70-102 m<sup>2</sup>) per pail applied at 7 to 10 wet mils per coat.

*Coverage may vary depending on application technique and surface conditions.*

**Packaging**

5 gallon (19 L) pail.

**Shelf Life**

12 months, if properly stored and sealed.

**Storage**

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

**Features**

**Benefits**

1	<b>Acrylic-based</b>	Excellent adhesion; improves finish coat adhesion
2	<b>Vapor permeable</b>	Allows substrate to breathe naturally
3	<b>Water-based</b>	Safe, non-toxic; cleans up with water
4	<b>Promotes uniform substrate absorption</b>	Improves water resistance, improves finish coat coverage, reduces the chance of efflorescence
5	<b>Tinted to same color as finish</b>	Improves finish color uniformity
6	<b>Low VOC</b>	Safe for workers and the environment

# Sto Primer Smooth

## Surface Preparation

**Concrete and masonry surfaces:** Surfaces must be 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 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.

## 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 using brush, roller or proper spray equipment in a continuous coating. Allow to dry before applying Sto finishes or coatings.

**Airless Spraying:** Use Graco 1095 airless sprayer or comparable equipment, using minimum 19 mil tip. Use starting pressure of 1900 psi and adjust as necessary.

### As a primer:

Apply at 4-6 wet mils per coat. Multiple coats may be required, depending on surface condition.

### As a block filler:

Apply at 7-10 wet mils per coat. Back-rolling and/or multiple coats may be required for highly porous, rough or irregular surfaces.

## Limitations

- Use Sto Primer Smooth only when surface and ambient temperatures are above 40°F (4°C) during application and drying period.
- Not recommended as a finish coat.
- Sto Primer Smooth should not be used on horizontal surfaces unless protected with appropriate Sto decorative floor coating or finish.
- Sloped surfaces: Refer to Sto details.

## StoTherm® Exterior Insulation and Finish

**Systems (EIFS):** Surface must be free of all bond-inhibiting materials, including dirt and efflorescence.

**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.

Sto Primer Smooth is applied full strength (no dilution).

## Curing/Drying

Sto Primer Smooth will dry within 4 hours under normal conditions [70°F (21°C), 50% RH].

Drying time varies with temperature/humidity and surface conditions. Protect 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

### 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 re-use.

### 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 Material Safety Data Sheet for further health and safety information.

Material Safety Data Sheet (MSDS) is available at [www.stocorp.com](http://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.*

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

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

[www.stocorp.com](http://www.stocorp.com)

**S155-80804**  
Revision: 04  
Date: 08/2012



### 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](http://www.stocorp.com).