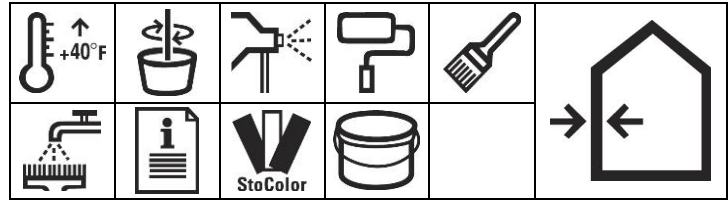


# StoPrime<sup>®</sup> Sand

80801 StoPrime Sand



## 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>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.		

*StoPrime Sand is used for priming prepared concrete, masonry, plaster, EIFS base coat, or drywall surfaces prior to application of Sto Finishes and Coatings.*

### Coverage

StoPrime Sand: 750-1100 ft<sup>2</sup> (70-102 m<sup>2</sup>) per pail.

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

## Features Benefits

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

### Packaging

5 gallon (19 L) pail.

### Shelf Life

18 months, if properly stored and sealed.

### Storage

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

# StoPrime® Sand

## 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.

**StoTherm® ci Systems:** 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.

## Mixing

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

StoPrime Sand is applied full strength (no dilution).

## Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces. Apply Sto Primer Sand with brush, roller, or proper spray equipment in a continuous coat. Allow to dry before applying Sto finishes.

Drying time varies with temperature/humidity and surface conditions. Protect from rain, freezing, and continuous high humidity until completely dry.

## Curing/Drying

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

## Clean Up

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

## Limitations

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

## Health And Safety

### Health Precautions

Product is water-based. As with any chemical construction product, exercise care when handling.

### 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.

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

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Revision: A4.1  
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Tel: 404-346-3666  
Toll Free: 1-800-221-2397  
Fax: 404 346-3119

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