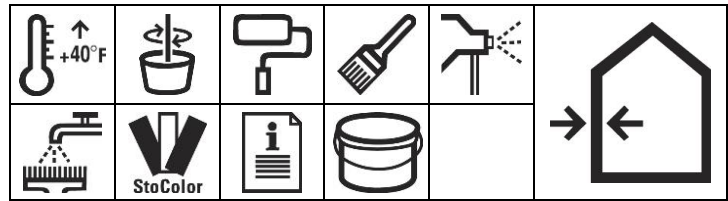


StoPrime®

80804 StoPrime



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Surface Burning	ASTM E-84	< 25 Flame Spread	Pass
		< 450 Smoke Developed	Pass
Percent Solids			
By volume			45.9
By weight			67.1
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 100 g/L.		

StoPrime 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

StoPrime:
 1250-1885 ft² (116-175 m²) per pail applied at 4 to 6 wet mils per coat
 750-1100 ft² (70-102 m²) 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

18 months, if properly stored and sealed.

Storage

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

Features Benefits

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



StoColor™ 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.

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.

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) for further health and safety information.

Safety Data Sheet (SDS) is available at 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.

Mixing

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

StoPrime is applied full strength (no dilution).

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.

Curing/Drying

StoPrime 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.

Limitations

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

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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.