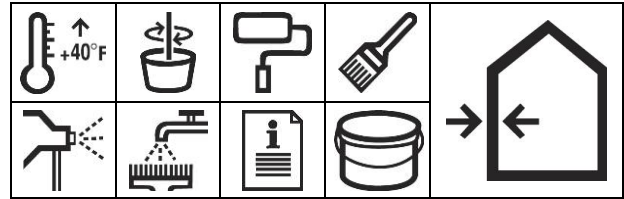


StoPrime® Hot

80805 StoPrime Hot



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Adhesion to Concrete psi (MPa)	ASTM D-4541	28 days	680 (4.69)
Water Vapor Permeability perms (ng/Pa·s·m ²)	ASTM E-96	28 days	30 (1720)
Solids Content by Weight (%)			55
Solids Content by Volume (%)			43*
Application Thickness Wet mils (mm)			5 (0.13)
Surface Burning	ASTM E-84	< 25 Flame Spread < 450 Smoke Developed	10 0
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.		

Typical value for materials cured at [75 °F (24 °C)] and 50 % R.H.
 * Percent Solids by volume is approximated from change in thickness from wet application to measured dry film.

Features	Benefits
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1 Alkali resistant to pH 13.0	Can be applied on cementitious substrates before finish coating to resist blistering, fading.
2 Acrylic-based	Excellent adhesion; weather resistant
3 Vapor Permeable	Allows substrate to breathe naturally; resists blisters caused by trapped vapor
4 Water Based	Safe, non-toxic, cleans up with water
5 Low VOC	Safe for workers and the environment

StoPrime Hot is used as a vertical above grade interior or exterior primer over properly prepared and cured concrete, stucco, and concrete masonry walls.

Coverage

1100 - 1350 ft² (102.2 – 125.4 m²) per pail.

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.



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Surface Preparation

Concrete, stucco and masonry surfaces: Surfaces must be properly cured and free of 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.

StoPrime Hot is applied full strength (no dilution).

Application

Concrete and masonry surfaces must be at least 7 days old. Stucco surfaces must be moist cured at least 48 hours in accordance with ASTM C-926 and allowed to dry an additional 48 hours before applying primer.

Apply only to sound and clean, dry, properly prepared, frost-free surfaces. Apply with brush, roller, or proper spray equipment in a continuous coat to a minimum thickness of 5 wet mils.

Protect from rain and freezing until completely dry.

Drying

StoPrime Hot dries to the touch within 30 minutes and can be top coated within 6 hours under normal [70°F (21°C), 50% RH] drying conditions.

Drying time and top coat time increases with low temperature, high humidity, thick application, or low absorption surfaces. Always allow sufficient time to thoroughly dry before top coating.

Clean Up

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

Limitations

- Use StoPrime Hot only when surface and ambient temperatures are above 40°F (4°C) during application and drying period, and at least 5 °F (2.8 °C) above the ambient dew point.

- Not recommended as a finish coat.

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 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.

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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.