

PRODUCT BULLETIN

StoPrime® Conditioner

Product Number: 80831



PRODUCT DESCRIPTION

StoPrime Conditioner is a water-based surface conditioner used for restoring absorptive or mildly chalking vertical concrete, masonry, or stucco wall surfaces. It is also used for restoring chalking painted surfaces prior to re-coating, and to condition cut ends and edges of gypsum sheathing at rough openings in wall construction prior to coating.

FEATURES	BENEFITS
Stabilizes chalking surfaces	Paints, coatings and finishes adhere better, last longer
Easy application	Spray or roller applied
Water based	Safe, non-toxic, cleans up with water
Low VOC	Safe for workers and the environment

COVERAGE (per pail)

500-1500 ft² (46-139 m²)

Coverage will vary depending on substrate condition and texture, application technique, waste factor, final film thickness, and other variables that may exist.

Packaging: 5 gallon pail (19L)

Shelf Life: 12 months, if properly stored and sealed.

Storage: Store in a dry area, between 50°F (10°C) and 85°F (29°C). Protect from direct sunlight, extreme heat [90°F (32°C)] and freezing.

SURFACE PREPARATION

All surfaces must be structurally sound, clean, dry, and free of frost and surface contamination such as dust, dirt, salts, grease, oils, efflorescence, mold, algae, mildew, or any other condition that may affect adhesion. Use appropriate repair methods for the substrate to repair pitting, spalls, cracks, peeling, blistering, delamination, weak surface conditions such as laitance, water damage, or other defects that may exist. If pressure washing, follow necessary safety precautions and adjust pressure to avoid damage to the underlying substrate. For mold, algae, and mildew removal, treat surfaces with a commercial mildew removal and/or wash product, carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water and allow a minimum of 24 hours to dry thoroughly before application of coating.

MIXING

Use at a preconditioned temperature of 70 ± 5°F (21 ± 3°C). Mix undiluted product for 3 minutes using a slow-speed drill and a mixing paddle. Mix thoroughly to a uniform consistency.

APPLICATION

Vertical Wall Surfaces

Apply only to sound and clean, dry, properly prepared, frost-free surfaces. Do not apply over damp surfaces or during rain, hail, or snow events or if rain, hail, or snow is imminent. Apply with brush, roller, or proper spray equipment in a continuous coat. Allow sufficient time for drying between coats.

IMPORTANT: Do not install products over StoPrime Conditioner if it dries to a gloss. Remove gloss with mechanical abrasion.

Cut Gypsum Sheathing Ends and Edges

Cuts must be straight and true without deviations in plane for best results. Apply product uniformly with a brush to the cut ends and edges and allow to dry. Once dry the rough opening can be detailed with any of the StoGuard® Detail components intended for rough opening protection: StoGuard® Conformable Membrane, Sto RapidGuard®, Sto Air & Water-Resistive Barrier (AWRB) coating such as Sto Gold Coat® with StoGuard® Fabric, and Sto Gold Fill® with StoGuard® Mesh

Curing/Drying

Product dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Drying time varies with temperature/humidity and surface conditions. Protect installed product from rain, freezing, and continuous high humidity until completely dry.

Testing

Test a small area to be sure of desired results before proceeding with full wall application.

Clean Up

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

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LIMITATIONS

- Apply when ambient and surface temperatures are 40°F (4°C) and rising, and below 100°F (38°C)
- Do not apply if the surface temperature is less than 5°F (2.8°C) above the ambient dew point temperature.
- Do not use below grade, or in areas subjected to hydrostatic pressure, water immersion, ponding, or puddling.
- Do not overcoat with solvent-based materials.
- Efflorescence of Portland cement-based substrates such as concrete, stucco, and concrete masonry sometimes causes staining or discoloration on the surface of applied coatings. Efflorescence is neither caused nor prevented by the Sto coating.
- Not for use on wood or metal surfaces
- Not for use as a bearing surface for sealants

HEALTH & SAFETY

Refer to the Safety Data Sheet 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.

TECHNICAL DATA

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULT
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.		

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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