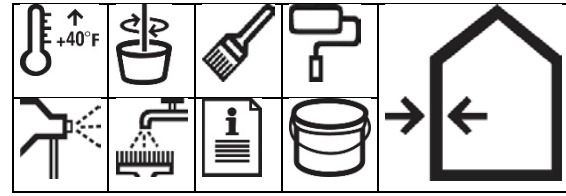


PRODUCT BULLETIN

StoPrime® Hot

Product Number: 80805



PRODUCT DESCRIPTION

StoPrime Hot is an alkali resistant primer used over prepared vertical above grade concrete, concrete masonry, EIFS, stucco, and previously painted wall surfaces.

FEATURES	BENEFITS
Alkali resistant to pH 13.0	Can be applied to early age concrete or stucco for faster scheduling of work; no need to wait 28 days for full cure
Acrylic-based	Excellent adhesion; weather resistant
Vapour Permeable	Allows substrate to breathe naturally; resists blisters caused by trapped vapour
Water Based	Safe, non-toxic, cleans up with water
Low VOC	Safe for workers and the environment

COVERAGE (per pail)

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

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)

Colour: White

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.

HEALTH & 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) on www.stocorp.com for further health and safety information.

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APPLICATION

Vertical Wall Surfaces

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. 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 to a minimum thickness of 5 wet mils to achieve minimum 2.0 DFT, always working from a wet edge or architectural break to eliminate cold joints. Back roll open texture surfaces such as concrete masonry. Allow sufficient time for drying between coats.

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.

Clean Up

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

TECHNICAL DATA

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULT*
Alkali Resistance	ASTM D1308	4 hours exposure	No lifting, wrinkling, disintegration, or colour change
Efflorescence Blocking	ASTM D7072	48 hours in humidity cabinet at 100°F (39°C)	No efflorescence observed
Adhesion to Concrete psi (MPa)	ASTM D7234	>50 psi (0.344)	501 (3.45)
Water Vapour Permeability Perms (ng/Pa·s·m ²)	ASTM D1653** Wet-cup Method	Measure	18 (1030)
Solids Content by Volume (%)	ASTM D2697	N/A	40%
Surface Burning	ASTM E84	< 25 Flame Spread < 450 Smoke Developed	FS: 10 SD: 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 50 g/L.		

* Results are based on lab testing under controlled conditions. Results can vary between labs or from field tests.
 **D1653 results are estimates based on E96 wet cup method

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 Date: 09/2019

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ATTENTION

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