

Extreme Block®**Interior-Exterior Waterbased Stain Blocking Primer**

B51W00100 (US) B51WQ0100 (Canada)

**SHERWIN
WILLIAMS.****CHARACTERISTICS**

Extreme Block® Waterbased Stain Blocking Primer with Stain Locking Technology is a versatile interior-exterior formula that has the power to lock and seal off stubborn stains like smoke, fire and nicotine and blocks tannin bleed from bare wood.

Stain Locking Technology allows stains to be trapped in the first coat, allowing the finish coat to be uniform in appearance without unsightly stain bleed through.

Odor Block Technology allows odors to be blocked in the first coat. Measured by using precision instruments for quantifying odor strength in the ambient air.

Features:

- Stain Locking Technology locks and seals stains from smoke, fire, nicotine, knots and tannin bleed
- Stain Blocking
- Odor Block Technology
- Fast drying
- Seals minor dried water stains
- Excellent adhesion
- Interior or Exterior
- Apply at temperatures down to 40°F

For use on these interior-exterior surfaces:

- Ceiling Tiles • Paneling • Wall Laminate • Cedar
- Cured Plaster • Drywall • Wood • Drywall
- Under wallcovering • Cured Masonry
- Previously Painted Surfaces
- Multi-Color drywall sealing capabilities

Color: White**Coverage:** 350-400 sq. ft. per gallon
4 mils wet, 1.5 mils dry

Drying and recoat times are temperature, humidity, and film thickness dependent.

Drying Time, @ 77° F, 50% RH:**Touch:** 30 minutes**Recoat:** as a primer 1 hour**Recoat:** as a stain sealer 24 hours**Finish:** 12-20 units @ 85°

Tinting: For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of ColorCast Ecotones can be used. Check color before use.

Extra White B51W00100

(may vary by color)

V.O.C.(less exempt solvents):less than 50 grams per litre; 0.42 lbs. per gallon
As per 40 CFR 59.406**Volume Solids:** 38 ±2%**Weight Solids:** 50 ±2%**Weight per Gallon:** 9.99 lbs**Flash Point:** N.A.**Vehicle Type:** Styrene Acrylic**Shelf Life:** 36 months, unopened

WVP Perms (US): As per ASTM D1653
17.54 US perm gains/(hr ft² in Hg)

Mildew Resistant: This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

5/2024

COMPLIANCE

As of 05/31/2024, Complies with :

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	No

APPLICATION

Apply at temperatures above 40°F

Do not reduce.**Brush:**

Use a nylon-polyester brush.

Roller:

Use a 3/8 inch nap soft woven roller cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on Sherwin.williams.com.

Spray - Airless:

Pressure ... 2000 p.s.i.

Tip .015-.021 inch

APPLICATION TIPS

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, **Extreme Block Waterbased Stain Blocking Primer** must be topcoated with a latex, alkyd-oil, or water based epoxy, on architectural applications.

For best topcoat color development, use the recommended "P"-shade primer. Check color before use.

For exterior exposure, this primer must be topcoated within 14 days with architectural latex or oil finishes.

For better performance when priming an entire house, use Exterior Latex or Oil-Based Primers.

SPECIFICATIONS

1 coat Extreme Block® Interior-Exterior Waterbased Stain Blocking Primer
2 coats Appropriate topcoat

Recommended Architectural Topcoats:

All Surface Enamels
A-100® Exterior Latex
Duration® Exterior
Duration® Home Interior
Emerald® Exterior & Interior
Emerald® Urethane Trim Enamel
Gallery Series™ Waterborne Topcoat
Latitude™ Exterior
SuperPaint® Exterior & Interior
Scuff Tuff™ Interior
ProClassic® Interior Enamels
ProMar® Interior

Recommended Industrial Topcoats:

Pro Industrial™ Acrylic Coating
Pro Industrial™ High Performance Epoxy
Pro Industrial™ Pre-Cat Epoxy
Pro Industrial™ Pre-Cat Urethane
Pro Industrial™ Waterbased Alkyd Urethane Enamel
Pro Industrial™ Waterbased Catalyzed Epoxy

Extreme Block®

Interior-Exterior Waterbased Stain Blocking Primer

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Special Recommendations:

After priming stained areas, allow to dry 24 hours, test a small area for bleeding by applying topcoat before painting the entire project. If the stain bleeds through, apply a second coat of primer and allow to dry overnight and retest before topcoating.

Smoke, fire or stain damaged areas: Thoroughly clean the surface before applying to smoke, fire or stained areas. After priming, allow to dry 24 hours, test a small area for bleeding by applying the topcoat before painting the entire project. If the stain bleeds through, apply a second coat of primer and allow to dry overnight and retest before topcoating. Always check for compatibility and adhesion to the surface by apply a test patch of 2 – 3 square feet.

Caulking:

Gaps between walls, ceiling, crown moldings, and other trim can be filled with the appropriate caulk after priming the surface.

Drywall:

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

SURFACE PREPARATION

Mildew:

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

Plaster:

Bare plaster must be cured, usually 30 days, and hard. If painting cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

Wood:

Sand any exposed, weathered wood to a fresh surface. Replace any deteriorated wood. On woods that present potential tannin bleeding, such as redwood and cedar, **Extreme Block® Waterbased Stain Blocking Primer** can be used. Thoroughly clean the surface before applying to stained areas. After priming, allow to dry 24 hours, test a small area for bleeding by applying the topcoat before painting the entire project. Apply 2 coats appropriate topcoat.

For better performance when priming an entire house, use Exterior Latex or Oil-Based Primers.

CAUTIONS

Protect from freezing.

Non-Photochemically reactive.

Not for use on horizontal surfaces, such as a roof, deck, or floor, or where water may collect.

Not for use on floors.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.