



# Max Block™

Water-Based Stain Blocking Primer

SB-5000

## General Description

Max Block™ is the next generation of water-based primers formulated to provide advanced stain blocking properties when compared with other typical water-based primers. Provides a lower VOC option in lieu of an alkyd-based stain blocking primer. Dries fast and provides a mildew resistant coating. Delivers hiding capabilities and excellent sealing and holdout for a uniform finish. Specifically formulated to lock in tannin stains, preventing bleed-through. Blocks and seals common household stains, water stains, smoke damage, crayon, markers, lipstick, ball point pen and more.

- Seals tannin stains
- Blocks tough household stains and odors
- For vertical and horizontal surfaces
- Fast drying – topcoat in 1 hour

## Usage

Use on new or previously painted wood, drywall, cured plaster, concrete, masonry, brick, aluminum, vinyl siding, shingles, and galvanized metal surfaces. Adheres well to glossy surfaces. Can also be used under wallcoverings for easy positioning and removal.

Colours	White
Bases	N/A
Colorant System	Do not tint

## Technical Data

Vehicle	Acrylic
Pigment	Titanium Dioxide
Volume Solids	38 ± 2%
Spread Rate Per 3.79 L	27.9 – 37.2 sq. m. (300 – 400 sq. ft.)
Recommended	Wet: 4.0 – 5.3 mils
Film Thickness	Dry: 1.5 – 2.0 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will minimize the disposal of excess paint.	
Dry Time @ 25 °C (77 °F) @ 50% RH	To Touch: 30 minutes To Recoat: 1 hour
High humidity and cool temperatures will result in longer dry, recoat and service times.	
Surface Temperature	Min: 4.4 °C (40 °F)
During Application	Max: 32.2 °C (90 °F)
Viscosity	94 ± 4 KU
Flash Point	N/A
Sheen / Gloss	10 @ 60°
Clean Up	Warm, soapy water
Thinner	Do not thin
Weight Per 3.79 L	4.8 kg (10.6 lbs.)
Storage Temperature	Min: 4.4 °C (40 °F) Max: 32.2 °C (90 °F)
VOC	< 50 g/L

## Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust. Spot prime before and after filling nail holes, cracks, and other surface imperfections.

New plaster or masonry surfaces must be allowed to cure (30 days) before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Knife off any protrusions and prime plaster before and after applying patching compound. Remove any powder or loose particles.

**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 logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

## Application

Stir product with a circular, lifting motion before you begin to paint. Max Block™ Water-Based Stain Blocking Primer may be applied by brush, roller, or spray, at a rate of application not to exceed 37.2 sq. m. (400 sq. ft.) per 3.79 L. Surface texture and porosity will affect actual yield. For best brush application results, use a quality synthetic filament brush. For roller application use a 10 mm cover for smooth surfaces, a 13 mm cover for semi-rough surfaces, and a 19 mm cover for rough surfaces. Apply at full strength for maximum stain blocking and sealing properties. Do not tint, thin or add any other paints or solvents.

Max Block™ seals the stain and prevents it from bleeding through into the topcoat. In typical usage, difficult stains may not appear fully covered and sealed by the primer and the first finish coat. The second finish coat should provide complete coverage of the stained area. Two coats of primer may be required on severe stains. For best results, top-coat with a latex or oil-alkyd finish in the same day.

**Spray, Airless:**  
Pressure / 1,500 – 3,000 PSI  
Tip / 0.013 – 0.017

## Compliance & Certifications

Eligible for LEED® v4	✓
CDPH Emissions Certified	✓
Eligible for CHPS low emitting credit (Collaborative for High Performance Schools)	✓
MPI	6, 39, 137

## Limitations

- Apply when surface temperature is above 4.4 °C (40 °F).
- Do not tint, thin or add any other paints or solvents. Apply at full strength for maximum stain blocking and sealing properties.
- On hard, non-porous surfaces, such as glazed ceramics and non-ferrous metal, maximum adhesion and hardness may take 7 days to develop.

## Technical Assistance

Available through your local authorized independent retailer.

call 1-866-708-9180  
visit [www.benjaminmoore.ca](http://www.benjaminmoore.ca)

## Clean Up

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Wash brushes, rollers, and other painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

**USE COMPLETELY OR DISPOSE OF PROPERLY.** Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

## Environmental Health & Safety Information

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**Use only with adequate ventilation.** Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

**KEEP OUT OF REACH OF CHILDREN  
PROTECT FROM FREEZING**

**Refer to Safety Data Sheet for additional  
health and safety information.**