



# PowerBlock™

## Quick-Drying Latex Primer

### Product Description

5450-White

Power Block is a quick drying, high performance 100% acrylic latex coating specifically designed to prime stained or water damaged surfaces that contain lead-based paint. This stain blocking primer provides exceptional adhesion and stain blocking properties and may be used on interior or exterior surfaces to prevent most bleeding type stains, seal porous surfaces and provide adhesion to hard and glossy surfaces. It is environmentally friendly, free of lead, mercury, and formaldehyde hazard and complies with all federal and state VOS/VOC requirements. Recommended Uses: Wallboard, Plaster, Sheetrock, Masonry, Wood, Concrete, Aluminum, Galvanized Metal, Plastic Laminates, Vinyl Wallcoverings, Under Wallcoverings.

### Application Information

#### SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum.

Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

Surfaces to be primed must be sound, clean, dry and free of rust, grease, oil, mildew, loose paint, or any surface contaminants. Wash glue size off plaster or other surfaces from which wallpaper has been removed. Do not apply over calcimine, casein or other water-soluble paints. Fill nicks, holes and voids with appropriate patching material, sand smooth and HEPA vacuum dust.

New plaster and masonry surfaces must be fully cured before priming. Sanding is not required for properly and thoroughly cleaned hard or glossy surfaces, but abrasion of the surface will increase adhesion of this product. Do not sand plaster until after the surface is primed. Tape joints on sheetrock should be sanded smooth, with care being exercised not to abrade the surrounding paper backing. Wire brush rusted areas to remove loose rust. Plasticizers must be thoroughly removed from vinyl wall coverings with mineral spirits and a clean cloth that is changed

frequently. Apply Fiberlock's L-B-C®, Lead Barrier Compound over the primed surface to encapsulate lead-based paint.

#### MIXING

Mix thoroughly. Do not add solvents, oils or colors in oil, or mix with other paint types.

#### APPLICATION INFORMATION

Consult all related local, state and federal regulations regarding work practices and personal protection to be used prior to the application of Power Block. Power Block seals many common stains such as rust, smoke stains, water stains, greasy spots, cedar and redwood bleed. Before priming stained areas, remove as much of the stain as possible by washing, sanding or scraping. Some stains may require two coats. If an active stain discolors this primer, apply the finish coat to a small area to see if the stain is "locked" into the primer.

#### APPLICATION TOOLS

Brush: synthetic, nylon or polyester  
Roller: 3/8" nap synthetic fiber  
Spray Settings:  
Pressure: 2300-2700 P.S.I.  
Tips: .015 to .021 tips

### Properties

Product Specifications	
Solids by Weight ± 2%:	46.9%
Solids by Volume ± 2%:	33.4%
Viscosity at 70°F:	95-100 Krebs Units
Specular Gloss:	10-20° @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min. (Original Sealed Containers)
Calculated VOC:	98 grams/liter
PowerBlock complies with the requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.	
Coverage	
Smooth Surfaces:	400-500 ft <sup>2</sup> /gal
Porous Surfaces:	100-300 ft <sup>2</sup> /gal
Drying Times (@ 70 - 77°F, 50% R.H.)	
To Touch:	30 minutes
To Recoat:	1 hour
Minimum Application Temperature: 50°F (10°C)	
Available Package Sizes	
5 gallon containers	
Weight Per Gallon ± 0.5 lbs:	10.5 lbs/gal



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5450 - Clear

## Application Information

### COVERAGE

Smooth Surfaces: 400-500 ft<sup>2</sup>/gal.

Porous Surfaces: 100-300 ft<sup>2</sup>/gal.

### DRYING TIME @ 70°F 50% R.H.

To Touch: 30 minutes

To Recoat: 1 hour

### CLEAN UP

Clean tools and drippings with warm soapy water before Power Block dries. Dispose of all waste according to all existing local, state and federal regulations.

### CAUTION!

#### KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use.

Keep from freezing.

24 hour Emergency "CHEM-TEL" - 800.255.3924

**For Technical Information call 800.342.3755**

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

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