

## LBC

### Professional Lead Encapsulant/Sealant (Type III)

#### Product Description

5801-White, 5800-Antique Linen

LBC Lead Barrier Compound (Type III - Interior/Exterior) is a thermoplastic-elastomeric water based copolymer blended specifically to form a barrier between lead-based paint and the environment. It is a high-solids coating formulated to offer unparalleled coverage, economics and aesthetics while preserving historic and architectural detail. LBC contains Bitrex®, a bitter-tasting ingredient to discourage oral contact with lead paint. LBC Complies with all EPA and HUD requirements for lead-based paint encapsulants and is recognized as a permanent method for abatement of lead-based paint. LBC meets all Federal, State and Local standards for lead based paint encapsulants. LBC has been independently tested at David Litter Laboratories, and was found to meet/surpass the ASTM E-1795 Standard for Lead-Based Paint Encapsulants for both indoor and outdoor use. LBC is certified for use in all 50 states.

#### 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 and 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).

Consult all related Local, State and Federal regulations regarding work practices and personal protection to be used prior to surface preparation. Note: Some States require a surface assessment by a licensed lead inspector before application. Contact your State Department of Health, or Fiberlock for more information. Use MSHA/NIOSH approved or equivalent respiratory protection suitable for concentrations and types of air contaminants encountered. Mix thoroughly, preferably with an electric drill mounted device designed for blending liquid coatings. Clear liquid present when container is opened is an integral part of the product and must be mixed in completely. LBC is supplied in a tintable white base, and may be tinted to light colors with two ounces or less of universal liquid colorant (per gallon). Field tinting by the end user or an unauthorized distributor, or the addition of more than two ounces of universal colorant will void all warranties. Medium or deep-base colors may be available from Fiberlock; please call for details.

Prior to application of LBC, inspect all surfaces to ensure they are clean, dry and free of all contaminants including: dust, rust, grease, oil, mildew, glue size, calcimine, wax, soap, loose paint, or any other surface contaminant which may affect adhesion. Use a vacuum with a HEPA filter specifically designed to capture hazardous dust and waste or wipe surfaces with a damp cloth. Patch and repair irregularities in surfaces with appropriate patching compound. For high gloss or newly painted surfaces wet scour with Fiberlock's LeadSafe Wipes or other

approved surface preparation treatment. Use a coarse scouring pad or similar tool, and/or liquid de-glossing agents to eliminate any gloss where necessary. Rinse de-glossing agents as directed by manufacturer. Wear proper personal protection for any cleaning product used as determined by the manufacturer. For detailed surface preparation and application instruction, please refer to LBC Specification.

##### SURFACE PRIMING

Most surfaces do not require a primer coat. However a primer is recommended for treating the following conditions:  
 Prime unpainted metal surfaces with a 100% acrylic rust inhibitive primer.  
 Prime water damaged surfaces with at 100% acrylic stain blocking primer.  
 Prime unpainted wood and drywall with a 100% acrylic universal primer.  
 Prime unpainted brick, masonry or block with a masonry conditioner.  
 Prime chalky surfaces with a chalk resistant primer.

##### APPLICATION TOOLS

Apply Fiberlock LBC with brush, roller or airless spray equipment.  
 Brush: Synthetic, nylon or polyester bristle  
 Roller: Synthetic Fiber 3/8"-1/2" nap roller  
 Spray Settings:  
 Pressure: 1300-2000 P.S.I.  
 Tips: .015 to .021 tips

##### PRODUCT APPLICATION

Fiberlock LBC must be applied when air and surface temperatures are above 45°F at time of application and for 12 hours thereafter. 14 wet mils are required to achieve the required minimum dry film thickness of 7 dry mils. Always use a wet mil gauge to measure coating thickness during application. Apply a minimum of 2 liberal coats when using a brush or roller.

##### DRYING TIME @ 70°F 50% R.H.

To Touch - 1-2 Hours  
 Recoat - 8-16 Hours

#### Properties

##### Product Specifications

<b>Solids by Weight ± 2%:</b>	59.0%
<b>Solids by Volume ± 2%:</b>	45.0%
<b>Viscosity at 70°F:</b>	95-120 Kreh Units
<b>Specular Gloss:</b>	5.5° ± 1 @ 60°
<b>Flash Point:</b>	Non-combustible
<b>Shelf Life:</b>	24 Months Min.
	(Original Sealed Containers)
<b>Calculated VOC:</b>	88 grams/liter

LBC complies with the requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.

##### Coverage

<b>Smooth Surfaces:</b>	120 ft <sup>2</sup> /gal
<b>Porous Surfaces:</b>	80-120 ft <sup>2</sup> /gal

##### Drying Times (@ 70 - 77°F, 50% R.H.)

<b>To Touch:</b>	1-2 hours
<b>To Recoat:</b>	8-16 hours
<b>Minimum Application Temp:</b>	45°F (7.2°C)

##### Available Package Sizes

<b>5 gallon containers</b>	
<b>Weight Per Gallon ± .5 lbs:</b>	11.24 lbs/gal

##### Product Testing

<b>Meets Standard:</b>	ASTM E-1795
<b>Certified For Use:</b>	All 50 States



## Application Information

### COVERAGE

120 sq. ft. per gallon @ 14 wet mils

### CLEAN UP

Clean all tools and drippings with warm soapy water before LBC dries. Use a HEPA approved vacuum specifically designed to collect any hazardous dust and/or waste generated. Dispose of all waste according to all current Local, State and Federal regulations.

### PRECAUTIONS

Product is sensitive to heat and time. Store in a dry place at temperatures between 40°F (4.5°C) and 90°F (32°C). Do not store or apply at temperatures in excess of 100°F. Rotate stock often. Use product in a well ventilated area. If respiratory irritation develops increase ventilation and/or wear respiratory protection. Use a disposable spray-mist/dust respirator rated for filtering aerosol mist to avoid oral contact with bitter tasting, anti-ingestant ingredient when spraying. When applying with a sprayer, wear a NIOSH approved respirator with any R, P,N or HE filter. Avoid contact with eyes and skin. Wash hands after use. LBC Type III will not protect occupants from ingestion of the encapsulated lead-based paint, if surface is damaged, broken or abraded. Surfaces coated with LBC Type III must be inspected routinely. Damaged surfaces should be repaired and re-encapsulated immediately to prevent exposure to the lead hazard. Not recommended for use on friction or impact surfaces, or movable closures such as door jambs and window jambs. Residents may be present during brush or roller application but not in the immediate work area (i.e., same room). Residents should not be present during spray application for worksite safety reasons. Residents may return once application has ceased and LBC III is dry to the touch.

### CAUTION!

#### KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use.

Keep from freezing.

Store between 40°F (4.5°C) and 90°F (32°C)

24 hour Emergency "CHEM-TEL" - 800.255.3924

### WARRANTY

Fiberlock Technologies, Inc., warrants LBC for a maximum of twenty (20) years from the date the product is applied to form an effective barrier from the hazards of the encapsulated lead-based paint as prescribed in Fiberlock's latest product literature. The warranty described in this paragraph, expressed or implied, is including but not limited to the implied warranties of the salability and fitness for a particular purpose. User shall determine the suitability of LBC's use and assume any and all risks and liabilities that may arise in connection with the application of LBC. This warranty is extended only to the purchaser of LBC and does not apply to any damages which are a direct result of improper surface preparation and/or application, including, but not limited to:

1. The failure to properly apply LBC to a sound surface, which has been cleaned of foreign matter and dry at the time of application.
2. The failure to apply LBC during non-freezing temperatures appropriate for the product application.
3. The failure to apply LBC in full accordance with Fiberlock Technologies written application instructions and guidelines.

This warranty does not extend to, nor shall Fiberlock Technologies be liable for any damage resulting from any abuse of the encapsulated surface by tenants or occupants, improper maintenance, water damage, or other conditions beyond Fiberlock Technologies' control. The sole and only liability under this warranty shall be, at Fiberlock Technologies' option, either to replace the product if proved defective or to refund the purchase price paid. The purchaser of this product must notify Fiberlock at 150 Dascomb Road, Andover, Massachusetts 01810 (978-623-9987) within 45 days to advise of any suspected manufacturing defects. This warranty gives the purchaser specific legal rights and possible additional rights which may vary from State to State.

#### IMPORTANT INFORMATION FOR MASSACHUSETTS RESIDENTS

The Commonwealth of Massachusetts permits encapsulation as a form of abatement on any interior surfaces.

For exterior surfaces in Massachusetts, when seeking compliance with regulations for lead poisoning prevention and control in residential housing and child-occupied facilities, all painted surfaces must be certified by a licensed inspector as intact and compliant prior to using LBC. When used for nonresidential structures, or when not seeking compliance for exterior surfaces, Massachusetts does not require this inspection before encapsulation.

## 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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