

ENCAPSULANT PAINT

ENCAPSULATION

The use of encapsulants is a popular lead-based paint abatement method. Anyone is allowed to use it, but if you are not a trained abatement contractor, NEVER state that you are abating someone's lead problem. Abatement is the permanent (20 year) elimination of lead-based paint hazards.

If not used properly, encapsulation may not be effective in eliminating the lead-based paint hazards. Before an encapsulant is used, a determination must be made as to whether an encapsulant is suitable for the area being worked on. **Encapsulants can not be used on friction or impact surfaces, metal surfaces, or areas with deteriorated substrates.** For these surfaces, another method must be selected.

When applying encapsulants, it is imperative to follow the manufacturer's specifications. Proper surface preparation, including cleaning of the substrate, removal of loose paint and patch testing, are necessary to ensure the paint coverage will be successful. A patch test evaluates the encapsulant on a small area of the painted surface prior to the start of the work. If an area fails the patch test, select a different method. Adapted from: <http://www.epi.state.nc.us/epi/lead/pdf/LeadUpdate2002.pdf>

BWI (Greensboro, NC)

800-599-5600, 336-273-6425

Fiberlock Products (as of September '07):

Child Guard or Lead Barrier Compound (LBC) Type 3

\$38/gal

\$180/5 gal

Child Guard is the exact same product as LBC. Child Guard is marketed to home owners and is available in 1 gal only. LBC is marketed to abatement contractors and is available in 1 or 5 gals.

Two Coats required

Okay for interior or exterior

Water based

Bitter taste

120 ft²/gal



Fiberlock 800-342-3755

Child Guard or LBC

\$44.95/gal + \$19 UPS/gal shipping (9/07 from web)

Can buy directly from Fiberlock.

Normal paint is 1-2 dry millimeters thick

Encapsulant paint is 7 dry millimeters (14 wet mm)

You get less ft² coverage/gal than regular paint:

120 ft²/gal (Encapsulant) vs.

200-400 ft²/gal (other)

Can add tint to get light pastel colors only.

Flat finish, paint over at the end

20 Year Warrantee

Not good for metal surfaces, impact, or friction surfaces

www.fiberlock.com





Child Guard is a water-based, paint-like coating blended specifically to form a barrier between lead-based paint and the environment. ChildGuard is approved for use in all 50 states, and meets or exceeds all projected federal, state, and local standards for covering lead-based paint on interior or exterior surfaces. ChildGuard contains BitrexTM, a bitter-tasting, nontoxic ingredient to discourage oral contact.

- Permanent solution appropriate for interior and exterior use
- Impact-resistant
- Inexpensive
- 20 year warranty
- Available in your choice of colors
- Easy to apply with a brush or roller
- 2 coats (7 dry mils) per application
- Water-based easy clean up
- Safe, nontoxic. Meets all HUD & EPA guidelines
- Architectural Matte
- Class "A" fire-rated
- Certified or approved for use in all 50 states
- Washable & can be painted over
- Contains a bitter-tasting agent to discourage oral contact



L-B-C is a high-solids, elastomeric-thermoplastic, water-based copolymer that meets or exceeds all projected federal, state and local standards for lead-based paint encapsulants. Blended specifically to form a durable and flexible encapsulant barrier between lead-based paint and the environment, L-B-C has been independently tested to the ASTM E-1795 requirements for Category III (Type III- Interior/Exterior) encapsulants. E-1795 is the principle performance standard required, adopted and/or incorporated by reference into lead paint abatement rules and regulations at the federal, state and local levels.

L-B-C has been certified by Massachusetts (No. DL-12362), authorized by the states of Connecticut, Ohio, New York, Maryland, Minnesota, and Colorado. L-B-C is accepted for use in all 50 states. L-B-C has also been classified by Underwriters Laboratories (UL®). L-B-C is environmentally friendly and complies with all federal and state VOC requirements.

L-B-C contains Bitrex®, a bitter tasting, non toxic, anti-ingestant to discourage oral contact with lead paint. The required minimum 7 mil dry film thickness of L-B-C offers unparalleled interior and exterior coverage and economics. In addition, the lower film thickness reduces stress on the existing paint system and maintains architectural detail.

L-B-C can be successfully applied to the proper thickness in one application with most major brands or airless spray equipment. L-B-C can also be applied by brush or roller. L-B-C Type III can be used for application with surface temperatures as low as 38 °F.

<http://www.fiberlock.com/prodserv.htm>