

Barrier Coat II is a water-based coating which forms 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. Barrier Coat II contains Bitrex®, a bitter-tasting ingredient to discourage oral contact with lead paint.

Barrier Coat II 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. Barrier Coat II meets Federal, State and Local standards for lead-based paint encapsulants. Barrier Coat II has been independently tested at David Litter Laboratories and was found to meet/surpass the ASTM E1795 Standard for Lead-Based Paint Encapsulants for both indoor and outdoor use.

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.

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. Thoroughly mix Barrier Coat II prior to application. Clear liquid present when container is opened is an integral part of the product and must be mixed in completely. Barrier Coat II 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) by an authorized distributor.

Prior to application of Barrier Coat II, 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. Patch and repair irregularities in surfaces with

appropriate patching compound. Fresh plaster, gypsum board, wood or any porous substrate should always be primed, and follow manufacturer's recommendations, including cure time. For high gloss or newly painted surfaces deglossing is required. For detailed surface preparation and application instruction, please refer to Barrier Coat II Specification available at www.serpisystems.com.

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 with brush, roller or airless spray equipment.

- Brush: Synthetic, nylon or polyester bristle
- Roller: Synthetic Fiber 3/8"-1/2" nap roller

SPECIAL SPRAY APPLICATION INSTRUCTIONS

Care should be exercised in selecting the proper equipment. All wetted parts of the spray pump should be specified to resist abrasion. The use of high density polyethylene seals in place of the standard PTFE seals will greatly extend the service life of the pump and reduce downtime. Spray using equipment capable of 2500-2800 psi and a minimum output capacity of 0.5 gallons per minute. Remove inlet filter strainer, outlet filter and filter support. Set pressure to minimum 1,000 psi tip pressure, 100 of 3/8" airless hose is the maximum length. Minimum tip of .021 but a .023 or .025 can also be used depending upon desired finish.

PRODUCT APPLICATION GENERAL

NOTE: When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter. Use HEPA canister on respirator to avoid tasting the non-toxic anti-ingestant. Barrier Coat II must be applied when air and surface temperatures are between 50°F and 95°F at time of application and for 12 hours thereafter. 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. Barrier Coat II can take over 30 days to fully cure and will be soft and pliable until fully cured.

PRODUCT APPLICATION - INTERIOR

For interior applications, Barrier Coat II should be applied at a wet thickness of 13 mils to achieve a dry mil thickness of 7 mils in accordance with ASTM E1795.

PRODUCT APPLICATION - EXTERIOR

For exterior applications, Barrier Coat II should be applied at a wet mil thickness of 26 mils to achieve a 14 mils dry thickness in accordance with ASTM E1795.

DRYING TIME @ 70°F 50% R.H.

- To Touch: 1-2 Hours
- Full Cure: 30 Days

COVERAGE

- 7 dry mils (13 wet mils) - 123 ft²/gal
- 14 dry mils (26 wet mils) - 61 ft²/gal

CLEAN UP

Clean all tools and drippings with warm soapy water before Barrier Coat II dries. The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should be sealed and labeled and land-filled or incinerated according to local, regional and national regulations.

FIRST AID

Skin Contact: Wash with soap and water. If discomfort or irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.

Eye Contact: Flush eyes with water for at least 15 minutes while holding eyelids open. If discomfort or irritation persists, consult a physician.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. If discomfort or irritation persists, consult a physician.

Inhalation: If symptoms develop, get fresh air. If symptoms persist, consult a physician. If breathing has stopped, give artificial respiration then oxygen if needed.

PRECAUTIONS

Close container after each use. Product is sensitive to heat and time. Store in a dry place at temperatures between 40° F and 100°F. Do not store at temperatures in excess of 100°F. Rotate stock often. Keep closures tight and containers upright to prevent leakage. Product is non-combustible. 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**



Barrier Coat II

LEAD ENCAPSULANT COATING

- Meets ASTM E1795
- Cost Effective - 123 ft²/gallon at 7 mils
- 54% Solids by Volume
- Excellent Impact Resistance
- 20 Year Warranty
- Quick and Easy Application
- Contains Bitrex (*bitter tasting anti-ingestant*)

NET CONTENTS: 5 Gallons



For Professional Use Only

2801-5 White

with bitter tasting, anti-ingestant ingredient when spraying. Avoid contact with eyes and skin by wearing safety glasses, gloves and protective clothing. Wash hands and face before eating, drinking, etc. Barrier Coat II will not protect occupants from ingestion of the encapsulated lead-based paint, if surface is damaged, broken or abraded. Surfaces coated with Barrier Coat II 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 Barrier Coat II is dry to the touch. Refer to the Safety Data Sheet (SDS) available from your distributor or at www.serpisystems.com for further safety and handling instructions.

WARRANTY

Fiberlock Technologies, Inc., warrants Barrier Coat II 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 described 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 Barrier Coat II's use and assume any and all risks and liabilities that may arise in connection with the application of Barrier Coat II. This warranty is extended only to the purchaser of Barrier Coat II and does not apply to any damages which are a direct result of improper surface preparation and/or application, including, but not limited to the failure:

1. To properly apply Barrier Coat II to a sound surface, which has been cleaned of foreign matter and dry at the time of application.
2. To apply Barrier Coat II during non-freezing temperatures appropriate for the product application.
3. To apply Barrier Coat II 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 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.

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, nor its agents shall be responsible for the use of this product or any procedures or apparatus mentioned. We recommend that the prospective user determine the suitability of Barrier Coat II for each specific project and for the health and safety of personnel working in the area.

For additional information check Safety Data Sheet (SDS) or Product Data Sheet (PDS) available online at www.serpisystems.com.

Barrier Coat II, the Barrier Coat II Logo and other marks on this label are trademarks of ICP Construction, Inc.



IMPORTANT INFORMATION:
Always check with your states lead poisoning prevention program to determine the suitability of Barrier Coat II as an approved lead encapsulant.

CAUTION!
KEEP OUT OF REACH OF CHILDREN.
Do not take internally. Close container after each use.
Keep from freezing.
24 hour Emergency "CHEM-TEL" Phone: 1-800-255-3924

Calculated VOC: 55 g/l

FIBERLOCK BARRIER COAT II WHITE 2801
DANGER | DANGER



H317 - May cause an allergic skin reaction.
H317 - Peut provoquer une allergie cutanée.
H350 - May cause cancer.
H350 - Peut provoquer le cancer.
H411 - Toxic to aquatic life with long lasting effects.
H411 - Toxique pour les organismes aquatiques, entraîne des effets néfastes à long terme.

Obtain special instructions before use.; Wear protective gloves/protective clothing/eye protection/face protection.; Use personal protective equipment as required.; Avoid breathing mist/vapours/spray.; Avoid release to the environment.; Contaminated work clothing should not be allowed out of the workplace.; See SDS for full list of P phrases

Se procurer les instructions avant utilisation.]Porter des gants de protection/ des vêtements de protection/un équipement de protection des yeux/du visage.][Utiliser l'équipement de protection individuel requis.][Éviter de respirer les brouillards/vapeurs /aérosols.][Éviter le rejet dans l'environnement.][Les vêtements de travail contaminés ne devraient pas sortir du lieu de travail.][Voir SDS pour la liste complète des phrases P

IF exposed or concerned: Get medical advice/attention.; Specific treatment (see advice on this label).; Wash contaminated clothing before reuse.; IF ON SKIN: Wash with plenty of soap and water.; If skin irritation or rash occurs: Get medical advice/attention.; Collect spillage.; See SDS for full list of P phrases

EN CAS d'exposition prouvée ou suspectée: Consulter un médecin.][Traitement spécifique (voir les conseils sur cette étiquette).][Laver les vêtements contaminés avant réutilisation.][EN CAS DE CONTACT AVEC LA PEAU: laver abondamment à l'eau et au savon.][En cas d'irritation ou d'éruption cutanée: consulter un médecin.][Recueillir le produit répandu.][Voir SDS pour la liste complète des phrases P

Canadian Contact Info:
4050-B Sladeview Crescent Suite 200
Mississauga, ON L5L 5Y5 Canada

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ICP
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