



LEAD BLOCK[®]

LEAD ENCAPSULANT COATING

EGGSHELL EC-3210

Features

- Interior/Exterior
- Seals Lead-Based Paint
- Can be top-coated using most water based architectural coatings
- High Build
- Contains Bitrex - Anti-Ingestant
- Soap and Water Clean-Up

Recommended For

Interior – This product may be applied to walls, trim and ceilings, or properly prepared drywall, plaster, wood, masonry or metal surfaces. Lead Block should not be used on friction surfaces or moveable closures, as the thickness of the applied coating may alter clearances and affect proper operation. **Exterior** – Product may be applied to vertical surfaces, including properly prepared masonry, stucco, wood, or metal substrates. No application of exterior coatings is approved by the State of Massachusetts for Lead encapsulation.

General Description

This is a thin film, water based, elastomeric coating formulated to encapsulate lead-based paints and forms a dense, high-solids barrier that blocks and seals to prevent the migration of lead contaminants from reaching the surface. It contains Bitrex, a bitter tasting, anti-ingestant, which deters children from oral contact. Lead Block[®] conforms to the requirements of the Commonwealth of Massachusetts Public Health (13931) and meets the requirements of the U.S. Department of Housing and Urban Development (H.U.D.), which spells out a 20-year manufacturer's warranty.

Limitations

- Do not apply to below grade or back-filled walls.
- Do not apply if surface or air temperatures are below 50 °F (10 °C), above 95 °F (35 °C) or within 5° of Dew Point
- Not recommended for coating horizontal surfaces or freestanding walls.

Product Information

Colors — Standard:

EC-3210 – White
Can tint using up to 2 oz. of Universal Colorant per gallon.

— Tint Bases:

N/A

— Special Colors:

Contact your retailer

Certification & Qualifications :

The products supported by this data sheet contain a maximum of 100 grams per liter VOC/VOS (0.83 lbs/gal.) excluding water & exempt solvents.

This product meets qualifications for LEED (Leadership in Energy and Environmental Design) projects as a Non-Flat Coating.

Meets ASTM-E 1795

Sag rating of 20+ Mils

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	YES
CARB	YES
CARB07	YES
UTAH	YES
AZMC	YES
SCAQMD	NO

Technical Assistance:

Available through your local authorized independent Insl-x retailer. For the location of the retailer nearest you, call 1-866-708-9180, or visit www.insl-x.com

Technical Data[◇]

White

Vehicle Type	Acrylic
Pigment Type	Titanium Dioxide
Volume Solids	44 ± 1.0%
Coverage per Gallon at Recommended Film Thickness	80 – 100 Sq. Ft.
Recommended Film Thickness (spray application)	– Wet 16 – 20 mils – Dry 7 – 9 mils
Refer to the Application section on page 2 for additional details.	
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.	
Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free 2 – 4 Hours – To Recoat 4 – 12 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.	
Dries By	Evaporation
Viscosity	125 – 130 KU
Flash Point	N/A
Gloss / Sheen	Eggshell (25 – 30 @ 85°) (8 – 12 @ 60°)
Surface Temperature at Application	– Min. 50 °F – Max. 95 °F
Thin With	Clean Water
Clean Up Thinner	Warm, Soapy Water
Weight Per Gallon	10.9 lbs.
Storage Temperature	– Min. 45 °F – Max. 95 °F

Volatile Organic Compounds (VOC)

90.6 Grams/Liter 0.75 Lbs./Gallon

[◇] Reported values are for White. Contact dealer for values of other bases or colors.

Lead Block® Lead Encapsulant Coating Eggshell EC-3210

Surface Preparation

The surface to be coated must be clean, sound, dry and free of dirt, grease, oil, wax, rust, mildew, flaking paint or any other contamination that could affect proper adhesion and film performance. Remove surface dirt, grease and oil by washing the surface with an oil and grease emulsifier, per label instructions. Any wax contamination should be removed by cleaning the surface with a commercial wax remover. Active mildew spores must be removed by washing the surface with a solution of one part household bleach* mixed with six parts water. Rinse thoroughly with clean water following all label instructions.

*Follow bleach manufacturer's instructions for safe handling and use of bleach solution.

Rust should be tightly adhering. Remove loose or flaking paint by hand scraping. Preliminary to scraping, cover the entire horizontal work area with plastic drop cloths to collect all paint chips removed.

Adequate respiratory protection is strongly recommended as lead dust could be generated during the scraping procedure.

Once all loose paint has been removed, repair the surface irregularities using joint compound for interior wall or ceiling surfaces. To smooth joint compound on interior surfaces, use a damp sponge to evenly blend the compound into the surrounding surfaces. Avoid dry sanding lead bearing surfaces whenever possible. Fold plastic drop cloths from the outside edges to the middle making sure all paint chips and assorted residue are contained within the plastic. Treat this residue as hazardous waste and dispose of in accordance with all local, state and federal regulations. HEPA Vacuum (High Efficiency Particulate Accumulator) all surfaces to remove hazardous lead dust and particles. Existing high gloss to enamel surfaces require special preparation. Three options are available when dealing with glossy or enameled finishes. The first option is probably the fastest and easiest. Make sure the surface is clean from contamination, as previously mentioned and apply a coat of primer. Apply at no more than 2 mils wet film thickness and allow overnight cure before finishing with Lead Block. The second option is to wet scour the glossy surface using a TSP (or equivalent) and water solution with coarse bronze wool until the gloss is eliminated. After the surface dries out, HEPA Vacuum the surface and the surrounding area and follow up with wet mopping. The third option is to use a chemical deglossing material as an alternate method to wet scouring. Follow all label directions completely.

Any bare surfaces resulting from surface preparation procedures should be spot primed with an appropriate primer for the surface: as listed:

Drywall/Plaster – Insl-x® AQ-0400 Aqua Lock® Plus

Masonry – Coronado® 48-11 Acrylic Masonry Primer-Sealer

Ferrous Steel – Corotech® V110 Acrylic Metal Primer

Galvanized – Corotech® V110 Acrylic Metal Primer

Interior Wood – Insl-x® AQ-0400 Aqua Lock® Plus

Exterior Wood – Insl-x® TB-1100 Blockout® Primer

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 contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Stir this product thoroughly before use. Once stirred, Lead Block is ready to use. Do not thin or incorporate any additives into this product. Apply Lead Block in a one-coat process, applied at 16-20 wet mils using the airless spray method. This is the preferred method of application and will produce a uniform and smooth finish. Because of the high viscosity of this material, the airless spray pump must be powerful enough to pump the material, without lag or fingering at the gun, when using a 0.019 to 0.025 tip orifice. Apply 16-20 mils WFT by spray, one coat only. If applied by brush or roller, use only top quality application tools so the smoothest possible finish can be obtained. Multiple coats will be necessary to achieve the desired film thickness. Expect 6-8 mils WFT per coat by brush and 8-12 mils WFT by roller. Pay particular attention to wet film thickness rates, when applying by brush or roller, to make sure adequate film build is achieved. Do not apply if surface or air temperatures are below 50 or above 95 degrees Fahrenheit.

Clean Up

To Clean Up tools use mild soap and water.

Environmental Health & Safety Information

Warning

May cause an allergic skin reaction

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container to an approved waste disposal plant.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

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

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