Lead Shield
Post-Removal Lockdown/Sealant

Product Description

Lead Shield is a water based 100% acrylic lockdown with a dual purpose; it binds residual lead-based paint (LBP) and dust present after removal, and accepts most topical coverings. Lead Shield is a one-step product which bonds to most surfaces eliminating the need for sanding, priming and sizing recently stripped walls. Lead Shield can be used on both interior and exterior surfaces, and was expressly formulated to prepare these surfaces to accept a final topical covering. Lead Shield should not be used as a substitute for encapsulation. The clear version of this product sprays on white and dries clear to permit visual inspection of any residual paint. Lead Shield is also available in translucent blue which speeds up the post removal inspection process. The blue tint enables an inspector to quickly identify areas that LBP has been removed from and subsequently locked down. These unique features assist in obtaining final LBP removal certification.

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.

Lead Shield must be applied when the atmosphere and surface temperatures exceed 50°F. Surfaces must be free of all surface contamination prior to application of Lead Shield. Patch any irregularities with vinyl patching paste or appropriate patching compound. If chemical strippers were used to remove the paint, follow the manufacturers’ suggestions for surface cleaning before applying Lead Shield. Sanding, scraping and other surface preparation procedures can create toxic dust and hazardous waste. A HEPA (High Efficiency Particulate Air) vacuum should be used on all surfaces to remove hazardous dust and particles. Use MSHA/NIOSH approved or equivalent respiratory protection suitable for concentrations and types of air contaminants encountered.

APPLICATION TOOLS & PROCEDURES
Consult all related local, state, and federal regulations regarding work practices and personal protection prior to the application of Lead Shield. Do not apply when air or surface temperature is below 50°F or when drying conditions are poor. Lead Shield is supplied ready to use. Apply Lead Shield uniformly by brush, roller, or spray. Stir thoroughly to achieve a uniform consistency before selecting one of the recommended application methods below.

TOOLS
Brush: Synthetic, nylon or polyester
Roller: 3/8” nap synthetic fiber
Spray Settings:
Pressure: 2000-3000 P.S.I.
Tips:.015 to .021 tips

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

DRYING TIME @ 70°F 50% R.H.
To Touch – 30 minutes
To Recoat – 2 hours

COVERAGE
Smooth Surfaces- 450 sq. ft. per gallon
Porous Surfaces- 100-300 sq. ft. per gallon

CLEAN UP
Clean tools and drippings with warm soapy water before Lead Shield dries. Dispose of all waste according to all existing local, state and federal regulations.

PRECAUTIONS
Store in a dry place at temperatures between 40°F (4.5°C) and 90°F (32°C). Stir thoroughly. Do not mix with any other coatings, solvents or colors in oil. Do not apply when air or surface temperature is below 50°F or when drying conditions are poor.

Properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Product Specifications</th>
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<tbody>
<tr>
<td>Solids by Weight ± 2%:</td>
<td>29.0%</td>
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<tr>
<td>Solids by Volume ± 2%:</td>
<td>26.1%</td>
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<tr>
<td>Viscosity at 70°F:</td>
<td>85-90 Kreb Units</td>
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<tr>
<td>Specular Gloss:</td>
<td>35-40º @ 60º</td>
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<tr>
<td>Flash Point:</td>
<td>Non-combustible</td>
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<td>Shelf Life:</td>
<td>36 Months Min.</td>
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(Original Sealed Containers)

Calculated VOC: 96 grams/liter

*Lead Shield Calculated VOC dependent on color

Coverage

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<th>Smooth Surfaces: 450 ft²/gal</th>
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<tr>
<td></td>
<td>Porous Surfaces: 100-300 ft²/gal</td>
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Drying Times (@ 70 - 77°F, 50% R.H.)

| To Touch: | 30 minutes |
| To Recoat: | 2 hours |
| Min. Application Temperature: 50°F (10°C) |

Available Package Sizes

| 5 gallon containers | Weight Per Gallon ± .5 lbs: 8.71 lbs/gal |

Fire Rating:

ASTM E84 Class A

Smoke Density: 15

Fuel Contribution: 0
Application Information

poor. Do not re-coat with coatings using aromatic or other strong solvents. When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter. Use adequate ventilation during application.

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