

SECTION III – PROJECT SPECIFICATIONS

1.0 PROJECT LOCATION: Hollywood Theater, 2815 Johnson Street NE, Minneapolis, Minnesota

1.1 PROJECT SCHEDULE: Removal shall be completed and invoiced by November 30, 2005.

2.0 SCOPE OF WORK

2.1 Removal and General Cleaning - Verify Scope of Work and conditions in field during the walk through. No change orders will be issued for the materials listed. Bids will cover all aspects of the materials removal and disposal. This will not be the basis for a change order nor will it be additionally compensated.

The following are subject to removal and disposal. All quantities are approximate. It is the contractor's responsibility to verify all the quantities at the time of the pre-bid walk through. Demolition may be required to access and remove all ACM.

- 25 linear feet of asbestos putty
- Significantly damaged plaster
- Loose and delaminating paint

Contractor shall remove all asbestos containing putty located at the junction between the main fan unit and the concrete duct in the basement. Contractor shall remove all loose and delaminating paint from all walls and ceilings throughout the facility. In addition, the Contractor shall remove all significantly damaged plaster. Significantly damaged plaster shall mean plaster that is soft, brittle and friable. In general, any remaining plaster shall have a smooth surface and will be able to hold a paint or encapsulant. Scratch coats are not subject to removal as long as the scratch coat is not crumbling and is in good condition.

All horizontal surfaces, including floors, seating and wall fixtures shall be HEPA vacuumed and cleaned of dust and debris. Contractor shall be responsible for the disposal of all wastes generated.

2.2 Lead Paint Encapsulating -Any remaining lead paint on walls and ceiling shall be encapsulated with Safe Encasement Systems products

2.2.1 Primer Application. Apply approximately ten (10) wet mils of SE-110 penetrating-stabilizer to all surfaces using an airless sprayer. The penetrating-stabilizer shall be completely dry and clear before proceeding with the final coat. The SE-110 primer will dry to a clear but tacky membrane.



2.2.2 Protective Applications. Apply ten (10) wet mils of SE-160 clear coat. The primer must be clear prior to applying the clear coat. Drying time will be dependant on temperature and humidity

3.0 GENERAL CONDITIONS

- 3.1 Damage.** Contractor(s) are responsible for any damage caused by the abatement activities. This only includes damage to materials, items, etc., that are not scheduled to be demolished, discarded, salvaged, etc., by the Owner. This includes water and physical damage. It is highly recommended that the Contractor prepare a pre-existing damage list, with photographic documentation, before abatement activities begin.
- 3.2 Work Areas.** All workers will remain in the construction/work areas during the abatement activities. Under no circumstances will abatement personnel enter a building, room, area, etc., that is not part of the Scope of Work (exceptions being those situations determined by the contractor and/or employees as emergency situations). Any abatement personnel in violation of this restriction will be immediately and permanently removed from the job site.
- 3.3 Employee/Trailer Parking.** Contractor is responsible for contractor/employee vehicle parking and also for any equipment/storage trailers needed for the projects.
- 3.4 Building and Site Security.** The Contractor shall assume the responsibility for protection of any stored equipment and supplies. At the Contractor's expense, the Contractor may provide onsite surveillance to assure building and site security.
- 3.5 Log Book.** All personnel entering an abatement construction area, including visitors, contractor personnel, etc., shall be required to sign the Log Book upon arrival and before leaving the abatement construction area. Visitors not actually conducting the removal shall sign in the **Visitor's Log**. Contractor employees, supervisors, etc., conducting the removal shall sign in the **Project Log**.
- 3.6 Equipment and Keys.** All equipment, tools, etc., must be kept inside the work areas or in storage trailers at all times. At request, the Contractor will provide the Consultant and Owner with duplicate keys to all contractor-owned padlocks/locks used onsite.
- 3.7 Interaction with Site Personnel.** The Consultant is the **ONLY** point of contact for all asbestos- and hazardous-material-related activities on these sites. Anyone, personnel or otherwise, with questions, general or specific, shall be directed to Consultant.
- 3.8 Contractor Employees.** Contractor(s) are responsible for all actions of their employees. Workers shall refrain from using loud radios, profanity, and all other behavior not associated with professional work-like conduct. Any impolite, rude comments, gestures, etc., toward staff shall be grounds for dismissal. Dress must be appropriate. No torn or ripped shirts or pants. No short shorts. No bare chests. No warnings.
- 3.9 Alcohol, Drugs, and Smoking.** Consumption of any alcoholic beverage or non-



- A. Use soapy water. Immediately wipe surfaces not to be coated to prevent drying. Surfaces not intended to receive the SAFE Encasement System shall be protected during the application of the system. Should this protection not be effective, or not be provided, the respective surfaces shall be restored to their proper conditions by cleaning, repairing or replacing. All debris from completion of work shall be completely removed from the project site.

IV. MATERIALS

The following materials listed in these recommendations are available from SAFE Encasement Systems:

1. SE-IC Industrial Cleaner (concentrate).
2. CHLOR*RID Rinse Additive and CHLOR-TEST kits.
3. SE-110 Penetrating-Stabilizer (primer).
4. SE-110-CI Penetrating Stabilizer (primer) with Corrosion Inhibitors.
5. SE-120 Protective-Skin (topcoat) white or custom color (Mold & Mildew Resistant).
6. SE-150 Architectural Sealant - 100% acrylic trowelable grade.
7. SE-151 Urethane-Acrylic Sealant (tubes),
8. SE-310 Topcoat (satin finish topcoat) white or custom color.
9. SE-160 Topcoat (clear) high gloss topcoat.
10. SE-170 High Gloss, Mold & Mildew Resistant Surface Coating (white).

You can download any Product Data Sheet or MSDS
at our web site: www.safeencasement.com/

- END -

Prepared by:

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**Abatement by Encasement:
Safeguarding People while Saving MoneySM.**

Phone: (888) 277-8834 or (702) 360-6111 ~ Fax: (888) 277-8835 or (702) 360-5827

e-mail to: info@safeencasement.com



09990 MOLD REMEDIATION, LEAD-BASED PAINT ABATEMENT AND ENCASEMENT OF ASBESTOS

PDS SE-160 01-2006

1. PRODUCT NAME

SE-160 Clear Surface Coating
(water-based copolymer)
Specialty Elastomeric Topcoat

2. MANUFACTURER

SAFE ENCASEMENT SYSTEMS

8689 W. Sahara Ave., Suite 160
Las Vegas, NV 89117-5871
Phone: (888) 277-8834
Fax: (888) 277-8835
www.SafeEncasement.com

3. PRODUCT DESCRIPTION

SE-160 is an environmentally safe, clear water-based decorative surface coating that is suitable for application over encased lead-based paint or friable, fibrous insulation materials.

SE-160 employs the latest technological breakthroughs in water-based acrylic technology. SE-160 is used in conjunction with SE-110 or SE-110-CI (primer) and SE-120 topcoat to form a seamless, hard-high gloss, durable, washable, highly dirt resistant, flexible protective surface. Consult with the SES Sales Representative for a recommendation.

SE-160 is excellent for use exterior or interior surfaces and industrial service where excellent wear properties are wanted. Suitable for foot traffic – apply 2 to 3 coats to achieve desired results.

SE-160 is ready to use and should not be diluted with water before application.

SAFE Encasement Systems can be covered by our Limited Warranty for 5, 10 or up to 20 years.

BENEFITS:

- ✓ **Abatement by Encasement: Safeguarding People while Saving MoneySM.**
- ✓ Highly Resistant to Mold.
- ✓ Product is SAFE and Easy to Apply.
- ✓ May be Applied over Matte Finish Encased Surfaces to Produce a Higher Gloss Finish Surfaces.
- ✓ An Affordable Solution that Helps Prolong Building Life.
- ✓ Saves Money as it Compatible with Other Encasement Materials.
- ✓ Encasement Reduces or Eliminates Disturbance of Hazardous Materials and Minimizes Waste Disposal.
- ✓ Cleanup is with Water.

APPROVALS:

- ◆ Material is non-combustible.
- ◆ V.O.C. = 0.47 lb./gallon (EPA Method 24).

3. TECHNICAL DATA:

SE-160 forms a clear, durable, high gloss protective barrier that has superior resistance to dirt, mold, friction and water damage. SE-160 is temperature resistant to 235°F (continuous).

- Volume solids: 36.5% (+/-1%).
- Liquid Appearance: Milky White.
- Dried appearance – Clear gloss after two or more coats.
- Weight = 8.6 lb. per gallon.
- Drying time @ 75°F = 1 hour
- Dirt pickup Resistance: EXCELLENT.
- Color Stability: EXCELLENT.
- *Highly Mold Resistant*, Passed ASTM D-3273, D-3274 (12 weeks).
- Water Vapor Transmission Rate: 2.2 (grains/sq. ft./hr.).

5. INSTALLATION

- May be applied by air-less sprayer, brush or roller.
- Apply at temperatures at or above 50°F.
- Designed to stabilize, waterproof and protect surfaces (interior and exterior).
- Coverage rates can be determined through a "Patch Test" or refer to specific Guide Instructions for help estimating coverage rates on various types of surfaces.
- For painted surfaces a coverage rate of 175-200 sq. ft. per gallon (4-8 wet mils) is recommended for initial tests and estimation of coverage for material per coat.
- Using dust-free application methods SE-160 can be applied directly over encased building surfaces.

6. AVAILABILITY & COST

SAFE Encasement Products may be purchased nationally or locally. For more information call (888) 277-8834 or (702) 360-6111.

7. WARRANTY

Various warranties are available for specific Encasement Systems installed by trained Applicators.

8. MAINTENANCE

Periodic inspections of Encasement Systems help ensure extended performance and reduce costs.

9. TECHNICAL SERVICES

Additional information, product brochures and Guide Specifications are available from our Technical Sales Consultants.

10. FILING SERVICES

Additional product information is available upon request.





09990 MOLD REMEDIATION, LEAD-BASED PAINT ABATEMENT WITH CORROSION CONTROL, AND ENCASEMENT OF ASBESTOS FIBERS (ACM).

PDS SE-110-MS (05.2008A)

1. PRODUCT NAME

SE-110-MS Multi-Surface Primer/Encapsulant.
A Water-Based Multi-Surface Primer and Encapsulant with Mold and Corrosion Protection.
Safely Stabilizes Hazardous Surfaces, Including Rusting Metal.

2. MANUFACTURER

SAFE ENCASEMENT SYSTEMS
8689 West Sahara, Suite 160
Las Vegas, NV 893117
Phone: (888) 277-8834
Fax: (888) 277-8835
www.safeencasement.com

3. PRODUCT DESCRIPTION

SE-110-MS is a water-based, clear, non-toxic multi-surface primer that penetrates, stabilizes and seals friable damaged paint or fibrous insulation surfaces, *while providing long-lasting corrosion protection while it also inhibits mold growth.*

SE-110-MS has tenacious adhesion, with superior humidity and salt-spray resistance qualities. It shrinks as it dries to form a clear, tacky protective film that has superior low temperature flexibility (elongation to 4000% at 70°F).

SE-110-MS is an excellent primer for use over deteriorating interior or exterior surfaces including walls, ceilings, old wood, windowsills, duct and pipe insulation, fiber reinforced plaster or pre-1978 paints, including on corroded (rusting) metal surfaces and including surfaces after mold treatment.

SE-110-MS is ready to use and should not be diluted with water before application. **Pre-treatment: to remove efflorescence or soluble salts from surfaces, see SE-C*R, (5-PPM after treatment, use test kits).*

SE-110-MS is to be overcoated with SE-120 Protective-Skin top-coat to form a SAFE Encasement System that can be warranted for 5, 10 or up to 20 years, (see Limited Warranty for details).

BENEFITS:

- Reduces or Eliminates the Potential for Release of Hazardous Fibers, Dusts, etc from priming these Surfaces.
- Safely Seals, Stabilizes & Protects Aging, Friable Paint on All Dry Surfaces.
- Can be Applied Directly Over Rusting Metal Surfaces.*
- **Helps Prevent Mold Growth Retards Corrosion and Rust Bleed-Through.**
- Safe & Easy to Use, Non-toxic, Cleanup is with Water & Soap.
- System Adds Sound Absorption and Insulation Qualities.
- ***Make Surfaces "LEAD-SAFE".***
- Abatement by Encasement: **Safeguarding People while Saving MoneySM.**

APPROVALS:

- Complies with ASTM E-1795-97, non-toxic, passed all tests when used with SE-120 Protective-Skin (interior and/or exterior surfaces).

4. TECHNICAL DATA

- ASTM E84-99, Surface Burning Characteristics, Class I, Flame Spread Index = 10, Smoke Developed Index = 15, (*this is equal to NFPA 255, ANSI/UL #723, and UBC 8-1*).
- ASTM E119-98, 3-hour Fire Test (no negative effect on fireproofing performance).
- ASTM E1494-92, 2-hour Fire Test of encased fireproofing on a steel deck (no negative effect on fireproofing performance).
- Passed University of Pittsburgh Combustion Toxicological Testing Protocol (*no acute lethality of thermal decomposition products*).
- ASTM E162-98, Surface Flammability with a Radiant Energy Source, ($F_s \times Q = I_s$).
- ASTM E736-93, Passed Cohesion/Adhesion Testing.

- ASTM B-117 (+1500 hours).
- ASTM D-4585 (+1500 hours).
- ASTM D-3960, Low VOC's.
- ASTM D-1653, (0.6 perms).
- Solids by volume 45% (+/-5%)
- Weight = 8.7 lb. per gallon
- Liquid appearance - milky white
- *Dried appearance – clear, tacky*
- Re-coat time – 1 to 24 hours

5. INSTALLATION

- ✓ May be applied by air-less sprayer, brush or roller.
- ✓ Apply at temperatures at or above 50°F and not when rain is expected.
- ✓ Coverage rates can be determined through a "Test-Patch" that is required in some states and recommended elsewhere. *Refer to specific Guide Instructions for help estimating coverage rates on various types of substrates.*
- ✓ For rusting surfaces a coverage rate of 100-150 sq. ft. per gallon (10-16 wet mills) is recommended for initial tests to determine rates.

6. AVAILABILITY & COST

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7. WARRANTY

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