

CrownEncap 1

The Strengthening Encapsulation

Solutions For Hazardous Materials

16 Decision Making Reasons Why to Specify and Use CrownEncap 1 Strengthening Encapsulation System for Hazardous Materials

- 1. Design Built Systems to Solve Your Property Protection Requirements.** Each asbestos environment is slightly different. Moreover, on many projects the different existing situations will call for more than one approach to solve the encapsulation requirements. There are no cure-all products, just intelligent good design with existing products and quality placement of the system.
- 2. Strengthening Encapsulation Systems Hold Existing Asbestos Products In Place.** Crown Polymers manufactures two foundational asbestos encapsulation systems that are customized to solve nearly any encapsulation need. **CrownEncap 1** is used for non-traffic surfaces and **CrownEncap 2** is used for pedestrian and vehicular traffic surfaces.
- 3. Environmental Safe Restoration Methods.** Managing hazardous materials in place without removal is the safest method of protecting the public and the environment. The wet surface preparation clean-up method prevents any loose asbestos from becoming air borne.
- 4. CrownEncap 1 Encapsulation Methods Protects and Preserves.** All CrownEncap 1 installations are impervious to moisture; chemical and air transfer through the systems. The epoxy-urethane composites have been used for years for Secondary Containment areas as commercial and industrial flooring, wall and tank liner systems. Public safety and protecting the environment is a major part of Crown Polymers Product Line.
- 5. Crown Polymers Manufactures the Polymers Systems.** Crown Polymers, LLC manufacturing plant is located in Huntley, Illinois, a central Midwest location. 85% or more of the curing agents used with our polymers are reacted and manufactured in our plant. We are a basic polymer manufacturer selling under our own label and at the same time 20 to 40% of our business is private labeling our formulas for competitors. We are considered a high-tech manufacturer in the industry.
- 6. Crown Polymers Designs the Systems for Architects, Engineers and Owners.** Because of the vast experience of the Crown Polymers Owners, part of our daily job is to assist Architects, Engineers and Owners with solutions that last. Project evaluation, surface preparation methods, structural and non-structural repair methods, product and system selection, decorative and color selections and samples, including project specifications are just part of the service Crown Polymers Employees and Representatives provide as part of our project input.
- 7. Crown Polymers Trains the Contractor.** Crown Polymers teaches 10 factory training schools per year to educate the contractor and their employees on how identify surface deterioration, prepare the surface to a clean sound substrate, select the appropriate product or system, mix and apply the products to just mention a few of the topics covered in the two day intensive school workshop. These are classroom and hands on sessions. Our Customer and we feel Crown Polymers Contractors are some of the best-educated workers in the industry.

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8. **Technical Support for the Contractor, Architect, Engineer and Owner.** At any time during a project installation, a time could come when immediate technical help is required. Crown Polymers assigns a trained person to all projects. Most of the time, a telephone call can quickly solve any problem. However, some projects are so large or complicated that a trained Crown Polymers Technical Person is required to make regular visits to the project site during installation.
9. **Product Quality and Contractor Efficiency Reduces Installation Time.** High quality products that are easily applied in a reasonable period by a contractor with the proper equipment and a trained crew of workers will reduce overall construction time. The CrownEncap 1 Encapsulation System will minimize the construction time, reduce relocation expenses, reduce costly shut down time, and reduce disruption to employees and customers. On many projects the work can be accomplished at night, on holidays or weeks ends which will eliminate the expense of shut downs or relocation during the work.
10. **A Healthier Environment.** The encapsulation method results in a clearer working environment by preventing any possible loss of toxic materials through the encapsulation system.
11. **Value-Added Decorative Appearance.** Most CrownEncap 1 Strengthening Encapsulation Systems are finished in a decorative way to complement the building or other structures in the surrounding area. Ten standard colors are available and special colors can be computer matched most of the time. Samples of the system will be factory manufactured for the Owners approval before starting the project.
12. **Value-Added Insulation.** The original asbestos product most likely contributed to the structures insulation values. Now that the original overlayment is being encapsulated with a system that is extremely dense without pores, the combinations of the two systems have a real potential of increasing the insulation ratings.
13. **Useable On Many Different Substrate and Structures.** CrownEncap 1 is suitable for use on concrete, wood, steel, metal, plaster, drywall, polymer tiles, various fibrous insulation materials, and asbestos filled polymer and cement systems. Manufacturer adhesion tests are available for adhesion verification to the substrate.
14. **Less Liability with the CrownEncap 1 Method.** One of the uncontrollable dangers of asbestos removal and disposal are the methods employed for the toxic materials regardless of how or where they are disposed. The Owner is always liable from the original usage to what is referred to as the placement in the grave. However, when the asbestos is encapsulated the liability factor is greatly reduced because they are left undisturbed behind the CrownEncap 1 Strengthening Protective System.
15. **Long Term Performance.** By placing the CrownEncap 1 Strengthening System over and into the hazardous material substrate a mechanical attachment is developed to the material creating a monolithic composite design between the original product containing the asbestos and the new polymer overlay. Full attachment without cavities or voids at the bond line of the original system exposed surface and primer and base coat improves the longevity of the protective system performance.
16. **Available Warranty.** The Polymer Manufacturer and Contractor will jointly warrant most projects.

Contact Crown Polymers for the Location of Your Nearest Crown Polymers Representative

CALL NATIONWIDE TOLL-FREE 1-888 / 732-1270

