



Chemical Design Corporation

MULTI-PURPOSE FOAM AND COATING SYSTEM Frequently Asked Questions

- **What is the Multi-Purpose Foam and Coating System?**

Chemical Design Corp. offers two specially formulated roof products to be utilized specifically with our Qwik Spray System. These products will allow you to repair defects and finish new penetrations in existing foam roofs without using cumbersome equipment. Chem-Coat 9-711-1 is a two component, 4lb rigid foam insulation that will be as strong and smooth as conventional roofing foam. Chem-Coat 9-540-1 aluminum is a two-component polyurea hybrid elastomer, which has protected over 30 million square feet of roofs.

- **What are the benefits of using Chemical Design Corp.'s Multi-Purpose Foam and Coating System?**

The Qwik Spray System is easier to operate than any other spray system you are currently using for repairs or quick projects. Since these products are filled in 1500 ml cartridges there is no pre-mixing, no mess, and no wasted material. This system provides excellent speed of application, control of your coating thickness and will fill and seal in any repair situation that your existing equipment can and more.

- **How is the Multi-Purpose Foam and Coating System Packaged?**

The Qwik Spray System products are sold in cases. Each case contains 6 kits of material; each kit contains 1500 ml of material. A case of the Chem-Coat 9-711-1 will produce 72 board feet and a case of Chem-Coat 9-540-1 Aluminum coating will cover 100 sq/ft at 38 mils thickness. Each kit includes the static mixer with an air-atomizing tip.

- **How thick should the material be applied?**

Chem-Coat 9-711-1 should be applied at ½ inch to 1-inch lifts, with a minimum thickness of 1 inch total. You will achieve a smoother surface with lighter passes. Chem-Coat 9-540-1 Aluminum should be applied at a minimum of 28 mils over the foam. For other substrates please contact Chemical Design Corp.'s technical department for recommended thickness.

- **How long will it take the Multi-Purpose Foam and Coating System to dry?**

At 77° F the Chem-Coat 9-711-1 foam will be ready to walk on and coat after 10 minutes. The Chem-Coat 9-540-1 Aluminum coating will be cured in 5 minutes.

- **What substrates can this be applied on?**

This system is designed to be used as a spray protective roof coating for use over concrete, metal, wood, polyurethane foam and smooth built-up roofs.

- **What other applications can the Multi-Purpose Foam and Coating System be used for?**

The Qwik Spray System is the most economical method to repair roofs and other applications. These include; small roofs, over-hangs, trailer home roofs, flashing material, steel beams, ISO board insulation and to seal new and existing penetrations around air conditioners, wall cavities and around windows and doors.

- **Can these products be used as stand alone products?**

The Chem-Coat 9-711-1 can be used for repair of freezers, hot tubs, HVAC and piping insulation, infiltration and radon gas control, leveling of pond areas, around penetration and difficult to reach areas. It can also be used for insulating new, or making repairs to previously insulated trailers, for mobile home roofs and sub-floors.

The Chem-Coat 9-540-1 Aluminum is designed to be used as a spray applied protective roof coating for use over concrete, metal, polyurethane foam and smooth build-up roofs.

- **Is the Multi-Purpose Foam and Coating System Fire Rated?**

The Multi-Purpose Foam and Coating System is not fire rated.

- **What type of equipment is required to spray the Qwik Spray System?**

Our Qwik Spray System runs off of a standard 5 HP compressor capable of 10 to 12 CFM. For optimum performance the supply pressure must be greater than 100 P.S.I. (6.8 bar) and less than 145 P.S.I. (10 bar) and be dry.

- **Does Chemical Design Corp. supply the Qwik Spray System?**

Yes, Chemical Design Corp. supplies the complete equipment package, which includes the following components: dual cartridge spray gun, air atomizing spray control, static mixers and air atomizing tip. You will also receive complete instructions and an instructional DVD showing you how to set up your new Qwik Spray System.

- **Where do I get replacement parts for the Qwik Spray System?**

Chemical Design Corp. carries all replacement parts for the Qwik Spray System. Just call our Sales Department to place your order.

- **Is Technical Support available?**

Our Technical Support team is available to answer all your technical questions concerning the Qwik Spray System. Call Technical Support at 1-800-578-8555.

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