



## The SureCoat Roof System

### EZ Spec - Installation Guide for Restoration of Existing BUR, SPF, Single-Ply, Asphalt and Modified Roof Systems

#### 20-Year System

#### PREPARATION:

1. All roof surfaces and substrates must be structurally sound prior to application. Unsound substrates or surfaces must be repaired or replaced prior to the application of the **SureCoat Roof System** (**SureCoat** roof coating and Poly-Mesh). In most cases, the **SureCoat Roof System** can be used to do repairs.
2. Insulation that is retaining moisture, is saturated, or holding water must be replaced. This installation guide specification assumes that a plywood deck has no dry rot or a metal deck is not rusted and is in sound condition or has been repaired.
3. Clean the roof using SureSkrub™. Scrape and remove any loose or soft mastic by scraping. Power wash and scrub with SureSkrub and a stiff broom. Roof must be clear of loose aggregate, dirt, oil, soap or any substance or circumstance that may impair adhesion. Rinse the roof thoroughly and allow it to dry completely before beginning the installation or repairs. **Use of an electric, gas or propane powered floor scrubber with a scour scrub pad is mandatory for warranty eligibility over existing Single-Ply roofing materials (EPDM, TPO, PVC, etc.).**
4. Apply a 3-ply layer of SureCoat roof coating and Poly-Mesh at all penetrations in the roof, HVAC and skylight curbs, roof jacks, vents, and pipes, etc. Extend the Poly-Mesh and SureCoat roof coating a minimum of 4" up vertically and 18" - 24" out horizontally into the roof field. A layer of Poly-Mesh should be embedded in all ponds and repair areas. Repairs should be done prior to installation of the basecoat of the **SureCoat Roof System**. Many repairs can be done using SureCoat roof coating and Poly-Mesh. Extend repairs beyond damaged area by 1-2 feet. **Voids and wet areas on foam roof systems shall be cut out and refilled with foam using foam packs. A layer of SureCoat and Poly-Mesh fabric shall be installed over all repairs including foam repairs.**

#### INSTALLATION:

1. First apply a basecoat of **SureCoat** by spraying or rolling at a rate of 2-2.5 gallons per 100 square feet. Immediately or simultaneously, roll a layer of 42" wide Poly-Mesh into the basecoat overlapping the Poly-Mesh 2"-3". Poly-Mesh should be saturated into the wet coating by using a 3/8" to 1/2" nap roller. Saturation of the **SureCoat** through the Poly-Mesh is necessary to ensure that the basecoat and the topcoat bond together through the Poly-Mesh to form one finished monolithic membrane. Fully encapsulate the Poly-Mesh by applying **SureCoat** at a rate of .5-1 gallon per 100 square feet for a total of 3 gallons. Allow to thoroughly dry, 24-72 hours depending on weather. Do not apply coating within 48-72 hours of freezing or precipitation.
2. After the basecoat is dry (the following day in ideal conditions), apply a topcoat of **SureCoat** in a cross-hatch technique at a rate of 1 gallon per 100 square feet. Allow to thoroughly dry, 24-72 hours depending on weather. Do not apply coating within 48-72 hours of freezing or precipitation.
3. Apply a final coat of **SureCoat** in a cross-hatch technique at a rate of 1 gallon per 100 square feet. Allow to thoroughly dry, 24-72 hours depending on weather. Do not apply coating within 48-72 hours of freezing or precipitation.
4. After the **SureCoat Roof System** is cured, walk the roof to ensure that the entire roof is pinhole free and that no Poly-Mesh is exposed, tented or missing. Voids in the system must be addressed so that the system is a single monolithic membrane over the entire roof. All parapet walls and penetrations must be properly flashed into the field with SureCoat and Poly-Mesh. Any voids in details, penetrations, equipment curbs, skylights, etc. are to be addressed and repaired according to the recommendations of SureCoat Systems.
5. The roof system shall have sufficient quantities of the **SureCoat Roof System** to form a finished dry mil thickness of 70-80 DFT at penetrations and 60-70 DFT in the roof field. The Poly-Mesh produces approximately 9-11 mils of the dry film thickness in the system.

This is a short version of the **SureCoat Roof System** installation requirements over an existing BUR, SPF or Single-Ply roof system. Reading and becoming acquainted with the requirements outlined in the long form specification is imperative and the responsibility of the contractor before bidding a project.

If the **SureCoat Roof System** has been specified by a professional waterproofing or roofing consultant, first read their specification completely as it may have additional requirements beyond the SureCoat Systems specification. This short form EZ Scope of Work is not in substitution of the long form specification.

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