



The SureCoat Roof System

EZ Spec - Installation Guide for Restoration of Existing Metal Roof Systems (Bare Metal & Factory Finishes Only)

10-Year System

PREPARATION:

1. Roof substrate 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 SureCoat Poly-Mesh). In most cases, the **SureCoat Roof System** can be used to do repairs.
2. Clean the roof using **SureSkrub**™ along with a scour pad and stiff bristle broom. Do not use steel wool.
3. Scrape off any loose or dried mastic and remove any soft mastic by scraping and scrubbing with **SureSkrub**. Rinse the roof thoroughly and allow it to dry completely before beginning the installation or repairs.
4. Any scale rust must be scraped off and a rust inhibitor applied to these areas.
 - a. Use a wire wheel to grind existing rust
 - b. Clean roof using SureSkrub per manufacturer's directions
 - c. Apply Rustoleum Rusty Metal Primer. Allow to dry 24 to 48 hours minimum before applying basecoat of SureCoat Roof System coating.
 - d. Ponding areas in field of metal roofs should have 1 poly of Poly Mesh embedded in 2 layers of the SureCoat Roof System Coating. Run Poly Mesh up sides of standing seam extend SureCoat coating application 1"-2" up the sides of vertical standing seam and beyond the Poly Mesh if possible. Never terminate the Poly Mesh at the same point as the SureCoat Roof Coating. Always extend the SureCoat beyond the Poly Mesh to completely encapsulate the Poly Mesh and seal it completely to the metal.
5. Replace any missing fasteners and tighten any loose fasteners. Apply a generous dollop of **SureCoat**™ on all fasteners.
6. Pre-coat seams with approximately 2 gals per square of SureCoat Roof Coating.

INSTALLATION:

1. Do not apply the **SureCoat Roof System** within 48-72 hours of measurable precipitation or freezing conditions.
2. Prepare areas at drains, waterways, ponds, around penetrations, equipment curbs, skylights, flashings, and HVAC units on the roof with a 3-ply application of the **SureCoat Roof System** (**SureCoat** roof coating and SureCoat Poly-Mesh). Apply a layer of **SureCoat** with a paint brush; embed a piece of Poly-Mesh that is pre-cut to fit the area in the coating.
3. The **SureCoat Roof System** will extend a minimum of 4" up the vertical side of the curb, skylight or other penetration and 18"-24" out horizontally into the roof field depending on the size of the penetration. Let these prepared areas dry completely.
4. Holes that have been cut, rusted, or the metal panels have been damaged should be replaced or repaired with a piece of sheet metal large enough to extend over the damaged area 1"-2" around the repair area and screwed or riveted into a secure area of the roof. The **SureCoat Roof System** should extend past the repair 4"-12" depending on the size of the repair.
5. All flashings, butt joints, weak or bent metal areas, and in some cases, standing seams, should be reinforced using a 3-ply application of the **SureCoat Roof System**. If the standing seams or batons are leaking, use the **SureCoat Roof System** to seal them.
6. Wrap SureCoat Roof coating around the profile face edge of metal and secure on the underside. Do not terminate the coating directly at the end edge of the panel. Doing so will cause the coating to lift and peel when water drips off the edge.
7. Apply a basecoat of **SureCoat** at 1.25-2 gallons per 100 square feet. This will leave a dry film thickness of approximately 12-21 dry mils. If you are embedding Poly-Mesh, now is the time to do that into the wet coating. Let this dry for 24-48 hours depending on the weather. Poly-Mesh should be brushed or rolled into the wet basecoat so that it bleeds through the fabric. Allow to thoroughly dry, 24-72 hours depending on weather.
8. Once the basecoat is completely dry, apply a topcoat of **SureCoat** at an additional 1.25-2 gallons per 100 square feet for a total application rate of 2.5-3 gallons per 100 square feet. This will leave an additional dry film thickness of 12-21 mils. Allow to thoroughly dry, 24-72 hours depending on weather.



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9. Once dry, walk the roof to make sure there are no fish-mouths or pieces of Poly-Mesh showing. This is also the time to touch up anything. The roof must be pinhole free and have a minimum of 24 mils DFT throughout the roof field and a minimum of 40-50 mils DFT at penetrations, curbs, ponds and repaired areas where there is Poly-Mesh.

This is a short version of the *SureCoat Roof System* installation requirements over an existing Metal 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.