



The SureCoat Deck Saver System

Installation Guide for Restoration of Existing Pedestrian Decks

PREPARATION:

1. All deck 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 Deck Saver System** (**SureCoat** or **SureSet** coating and Poly-Mesh Fabric). In most cases, the **SureCoat Deck Saver System** can be used to do repairs.
2. 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. If deck surface is damaged, please contact our technical department for recommendations.
3. Clean the deck using **SureSkrub™**. Deck must be free of peeling sealers or coating, dirt, oil, soap or any substance or circumstance that may impair adhesion. Rinse the deck thoroughly and allow it to dry completely before beginning the installation or repairs. For best adhesion results, it is recommended the deck be mechanically scrubbed and an adhesion test be performed.
4. All sheet metal flashings, post flashings, drains & scuppers should be inspected and if rusted, damaged or deteriorated, they should be repaired or removed and replaced. Contact us for repair details.
5. All decks are recommended to have proper slope. ¼" per ft. is recommended.
6. Cracks in the existing deck over 1/8" must be repaired and filled prior to the **SureCoat Deck Saver System** being installed. Most cracks can be filled with a polyurethane sealant. Do not use Silicone. Contact us for repair details.
7. **Wall to Deck Flashing & Penetrations:** After cleaning apply **SureCoat** or **SureSet** coating up the vertical surface of the flashing or penetration and onto the deck field. Immediately embed Poly-Mesh Fabric into wet coating with a brush or roller. Completely coat Poly-Mesh Fabric and let dry. Detailing of penetrations and wall to deck area should be done prior to the field area installation of the basecoat of the **SureCoat Deck System**. All deck railing post's and attachment points must be detailed and coated to create a 4 ply seal. Annual inspections and maintenance are required in those areas.

INSTALLATION:

1. First apply a **Base Coat** of **SureCoat** or **SureSet** 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 Fabric into the basecoat overlapping the Poly-Mesh Fabric 2"-3". Poly-Mesh Fabric should be saturated into the wet coating by using a 3/8" to 1/2" nap roller. Saturation of the **SureCoat** or **SureSet** through the Poly-Mesh Fabric is necessary to ensure that the basecoat and the topcoat bond together through the Poly-Mesh Fabric to form one finished monolithic membrane. Fully encapsulate the Poly-Mesh Fabric by applying a **Fabric Coat** with **SureCoat** or **SureSet by** at a minimum rate of 1 gallon per 100 square feet for a total of 3-3.5 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 **Base Coat** is dry (the following day in ideal conditions), apply a **Top Coat** of **SureCoat** or **SureSet** in a cross-hatch technique at a minimum 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 **Texture Coat** of **SureCoat** at a minimum rate of 1 gallon per 100 square feet. Texture/Skid Resistance can be achieved by:
 - A. Broadcasting silica sand into wet coating. Let it dry and vacuum up loose sand.
 - B. Mixing silica sand in with the **SureCoat** and apply with a roller or hopper gun.
 - C. With a hopper gun you can spray various textures. Such as orange peel & knockdown texture

NOTE: Texture coats may require additional coating and increases durability and safety in traffic areas. Allow to dry 24-72hrs.



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INSTALLATION (Continued):

4. Apply a **Sealer Coat** of *SureCoat, StrucSureCoat or a Water based Deck Sealer* at a minimum rate of 1 gallon per 100 square feet to create a pinhole free surface to completely cover the texture coat. Allow to thoroughly dry, 24-72 hours depending on weather. Do not apply coating within 48-72 hours of freezing or precipitation.
5. After the *SureCoat Deck Saver System* is cured, walk the area to ensure that the entire deck is pinhole free and that no Poly-Mesh Fabric is exposed, tented or missing. Voids in the system must be addressed so that the system is a monolithic membrane over the entire deck. All wall to deck terminations, deck edges, door thresholds, post's, drains, scuppers and any other penetrations must be properly flashed into the field with SureCoat and Poly-Mesh Fabric. Any voids in details, penetrations, etc. are to be addressed and repaired according to the recommendations of SureCoat Systems.
6. The deck system shall have sufficient quantities of the *SureCoat Deck Saver System* to form a finished dry mil thickness of 70-80 DFT at penetrations and 70-73 DFT in the deck field. The Poly-Mesh Fabric produces approximately 9-11 mils of the dry film thickness in the system.

IMPORTANT NOTES:

- **Flashing:** Shall be a minimum 26 gauge galvanized, bonderized sheet metal.
- **Caulking:** Polyurethane Sealant caulking is recommended, Do Not Use Silicone.
- **Sloping / Crickets:** To be done in framing or with a cement sloping product.
- **Drains/Scuppers:** Galvanized or Stainless-Steel drains/scuppers are recommended.
- **Copper:** If copper flashing, drains or scuppers are installed, please contact our technical department for specific instructions.
- All rusty flashings or metal contacting the deck system must be treated with a rust neutralizing primer or be replaced.
- **Maintenance:** Depending on traffic and weathering, a topcoat will need to be applied periodically.

If the *SureCoat Deck Saver 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.

DISCLAIMER: The SureCoat Deck Saver System is not recommended for parking garages or warehouse areas with equipment or vehicle traffic. SureCoat Systems highly recommends an application of our slip resistant texture coating when used on decks, balconies, where post tension cable reinforcing is used or other applications where surfaces are suspended above ground or used as walking surfaces on a regular basis. SureCoat Systems does not offer warranties when applied over stone or tile. If direct applying over concrete substrate, it is recommended to apply SS1007 Concrete Densifier Sealer prior to deck system installation - Call for more details.

WARRANTY: 5 Year Limited Product Defect Warranty. Contact your SureCoat representative for details.