

## Silicone Roof Coating Restoration (RCR) System over Structural Concrete Roof Deck

# Installation Overview

**Note:** The following instructions are an overview of the Silicone Roof Coating Restoration installation process; they are not intended to replace the Recommended Design Specifications at PMSilicone.com.

### Examination:

1. For applications over newly poured concrete, the roof must be fully cured for a minimum of 60 days prior to coating application.

### Cleaning:

2. Powerwash entire roof surface and all other areas to receive new coating.

### Surface Preparation:

**Note: For roofs less than a year old, P-140 2-Part epoxy primer must be applied at a rate of 150-200 sq. ft./gal**

3. Any flashings that do not provide a watertight condition either receive 4" FT 500 Butyl Fleece Tape and 25 mils of HS 3200 Silicone Roof Coating over the tape or receive FG 400 Flashing Grade Silicone Sealant.
4. Repair or replace any sheet metal that does not provide a watertight condition.
5. Seal all roof parapet seams with either FG 400 Flashing Grade Silicone Sealant or by applying a coating-fabric-coating system to the seam.
6. For stress cracks smaller than 1/4", apply a heavy coat of FG 400 Flashing Grade Silicone Sealant in the crack.
7. For stress cracks larger than 1/4", insert backer rod into the crack, then apply a heavy coat of FG 400 Flashing Grade Silicone Sealant.

### Coating Installation:

8. Ensure the surface is completely dry.
9. Install silicone at a rate of:
  - a. 25 mils minimum for a 5 year warranty
  - b. 30 mils minimum for a 10 year warranty

- c. 35 mils minimum for a 15 year warranty
- d. 40 mils minimum for a 20 year warranty