

## SILICONE ROOF COATING RESTORATION (RCR) SYSTEM OVER MODIFIED BITUMEN, CAP SHEET, SMOOTH SURFACE BUR 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.

### Required:

1. **Moisture Survey.**
2. **Adhesion Test with a minimum of 2lbs per square inch.**  
**a. Note: Progressive Materials 3201, 2201 (white) silicone coating only. Non white colors not permitted.**

### Cleaning:

3. Power wash entire roof surface and all other areas to receive new coating.
4. Primers are typically unnecessary over Modified Bitumen and Smooth Surface BUR.  
However, in situations where asphalt bleed through is a concern, install Pro-Prime P-160 Bleed Block Primer at a rate of 1 gallon per 100 sq. ft.

### Surface Prep:

5. Roof areas greater than 500 square feet containing moisture below the roof surface need to be replaced. **(New modified or cap sheet repairs must weather a minimum of 90 days to before being coated.)**
6. Isolated roof areas less than 500 square feet containing moisture below the roof surface need to have a moisture relief vent installed. (minimal wet areas)
7. Any flashings that do not provide a watertight condition receive a 3 course coating-fabric-coating detail.
8. All membrane seam failures receive a 3 course coating-fabric-coating detail.
9. All membrane seams receive 20 mils of silicone roof coating prior to coating the field of the roof.
10. Repair or replace any sheet metal that does not provide a watertight condition.

### Coating Installation:

11. Ensure the surface is completely dry.
12. 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

- d. 40 mils minimum for a 20 year warranty