

## **Silicone Roof Coating Restoration (RCR) System over Gravel 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 found at [PMsilicone.com](http://PMsilicone.com).

### **Required:**

- 1. Moisture Survey.**
- 2. Adhesion Test with a minimum of 2lbs per square inch.**

### **Cleaning:**

3. Remove all loose stone by power broom or vacuum.
4. Powerwash entire roof surface and all other areas to receive new coating.
5. Spray apply P-160 Asphalt Bleed-Block Primer over entire roof area at a rate of 1 gallon per square.

### **Surface Prep:**

6. Roof areas greater than 500 square feet containing moisture below the roof surface need to be replaced.
7. 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)
8. Any flashings that do not provide a watertight condition receive a 3 course coating-fabric-coating detail.
9. Repair or replace any sheet metal that does not provide a watertight condition.

### **Surface Leveling Coating Installation:**

10. Apply SL 800 Surface Leveling Coating at a rate of 3 to 6 gallons per square, depending on surface texture.
11. After applying SL 800, there should be no rock protruding more than a maximum of ¼" out of the coating.
12. Allow coating to fully cure for 1 to 2 days, depending on environmental conditions.

### **Coating Installation:**

13. Ensure the surface is completely dry.
14. Install silicone in two passes to achieve a total thickness of:
  - a. 30 mils minimum for a 5 year warranty
  - b. 35 mils minimum for a 10 year warranty

- c. 40 mils minimum for a 15 year warranty
- d. 45 mils minimum for a 20 year warranty