

## **Silicone Roof Coating Restoration (RCR) System over Metal Roof Panel**

# **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](http://PMsilicone.com).

### **Required:**

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

### **Cleaning:**

2. Power wash the entire roof surface and all other areas to receive new coating.
3. Any rust areas should be cleaned with a wire brush and then receive P-130 Rust Inhibitive Primer.

### **Surface Prep:**

4. Any flashings that do not provide a watertight condition receive the following options
  - a. 3-course method – apply 15 mils base coat embed fabric let cure then apply 25 mils of HS 3200 Silicone Roof Coating over fabric.
  - b. FG-400 Flashing Grade at a minimum of 25 mils.
5. Repair or replace any sheet metal that does not provide a watertight condition.
6. Identify and replace all fasteners that are loose or backed out.
7. Prior to coating the field of the roof, spot apply FG-400 Series sealant to all fasteners.
8. Thoroughly power wash fiberglass skylights and apply 2 coats (30 total mils) of HS 3220 Translucent Skylight Coating.
9. For vertical laps:
  - a. If there is a gap larger than 1/8" at lap joint, install additional stitch fasteners.
10. For Horizontal laps: (Includes ridge cap where applicable.)
  - a. Install FG-400 at a minimum of 25 mils on all horizontal seams in a 4" pass.
  - b. 3-course method - 12-15 mils base coat embed fabric let cure then apply 25 mils of HS 3200 Silicone Roof Coating over fabric.

### **Coating Installation:**

11. Ensure the surface is completely dry.

12. Install silicone at a rate of:

- a. 15 mils minimum for a 5-year warranty
- b. 20 mils minimum for a 10-year warranty
- c. 25 mils minimum for a 15-year warranty
- d. 30 mils minimum for a 20-year warranty

13. Care should be taken to ensure proper coverage of vertical rib surfaces.