

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.

Required:

- 1. Moisture Survey.**
- 2. Adhesion Test.**

Cleaning:

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

Surface Prep:

5. Any flashings that do not provide a watertight condition receive the following options
 - a. 3-course method - 12-15 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.
6. Repair or replace any sheet metal that does not provide a watertight condition.
7. Identify and replace all fasteners that are loose or backed out.
8. Prior to coating the field of the roof, spot apply FG-400 Series sealant to all fasteners.
9. Thoroughly power wash fiberglass skylights and apply 2 coats (30 total mils) of HS 3220 Translucent Skylight Coating.
10. For vertical laps:
 - a. If there is a gap larger than 1/8" at lap joint, install additional stitch fasteners.
11. 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:

12. Ensure the surface is completely dry.
13. 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
14. Care should be taken to ensure proper coverage of vertical rib surfaces.