

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.

Cleaning:

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

Surface Prep:

3. Any flashings that do not provide a watertight condition receive the following options:
 - a. FT 500 Butyl Fleece Tap and 25 mils of HS 3200 Silicone Roof Coating.
 - b. 3-course method and 25 mils of HS 3200 Silicone Roof Coating over fabric.
 - c. FG-400 Flashing Grade at a minimum of 25 mils.
4. Repair or replace any sheet metal that does not provide a watertight condition.
5. Identify and replace all fasteners that are loose or backed out.
6. Prior to coating the field of the roof, spot apply HS 3200 Silicone Roof Coating to all fasteners. This may take up to 2 coats.
7. Thoroughly power wash fiberglass skylights and apply 2 coats (30 total mils) of HS 3220 Translucent Skylight Coating.
8. For vertical laps:
 - a. If there is a gap larger than 1/8" at lap joint, install additional stitch fasteners.
9. For Horizontal laps:
 - a. Install FG-400 at a minimum of 25 mils on all horizontal seams in a 4" pass.
 - b. 3-course method and 25 mils of HS 3200 Silicone Roof Coating.
 - c. FT 500 Butyl Fleece Tape 25 mils of Silicone Roof Coating.

Coating Installation:

10. Ensure the surface is completely dry.
11. 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
12. Care should be taken to ensure proper coverage of vertical rib surfaces.