

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. Powerwash 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 Pro-Prime P-130 Rust Inhibitive Primer.

Surface Prep:

3. Any flashings that do not provide a watertight condition receive 4" FT 500 Butyl Fleece Tape and 25 mils of Pro-Eco Sil HS 3200 Silicone Roof Coating over the tape.
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 Pro-Eco Sil HS 3200 Silicone Roof Coating to all fasteners. This may take up to 2 coats.
7. Thoroughly powerwash fiberglass skylights and apply 2 coats (30 total mils) of Pro-Seal HS 3220 Translucent Skylight Coating.
8. For horizontal and vertical laps:
 - a. If there is a gap larger than 1/8" at lap joint, install additional stitch fasteners.
 - b. Install 4" FT 500 Butyl Fleece Tape over lap joint and apply 25 mils of Pro-Eco Sil HS 3200 Silicone Roof Coating over the tape.

Coating Installation:

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