

Silicone Roof Coating Restoration (RCR) System over PVC, TPO, and Hypalon Membranes

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. If adhesion tests reveal poor adhesion, apply Pro-Prime P-151 Single-Ply Primer.

Surface Prep:

3. Roof areas greater than 500 square feet containing moisture below the roof surface need to be replaced.
4. Roof areas less than 500 square feet containing moisture below the roof surface need to have a moisture relief vent installed.
5. 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.
6. All membrane seam failures receive 4" FT 500 Butyl Fleece Tape and 25 mils of Pro-Eco Sil HS 3200 Silicone Roof Coating over the tape.
7. Repair or replace any sheet metal that does not provide a watertight condition.
8. Replace all fasteners that are loose or backed out.
9. Membrane cuts should receive 4" FT 500 Butyl Fleece Tape and 25 mils of Pro-Eco Sil HS 3200 Silicone Roof Coating over the tape.

Coating Installation:

10. Ensure the surface is completely dry.
11. Install silicone at a rate of:
 - a. 20 mils minimum for a 5 year warranty
 - b. 25 mils minimum for a 10 year warranty
 - c. 30 mils minimum for a 15 year warranty
 - d. 35 mils minimum for a 20 year warranty