

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.

Required:

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

Cleaning:

3. Power wash the entire roof surface and all other areas to receive new coating.
4. Apply P-151 Single-Ply Primer at a rate of 1/4 - 1/3 per gallon. (Required)

Surface Prep:

5. Roof areas greater than 500 square feet containing moisture below the roof surface need to be replaced.
6. Isolated roof areas less than 500 square feet containing moisture below the roof surface need to have a moisture relief vent installed. (minimal wet areas)
7. Any flashings that do not provide a watertight condition receive 3-course method 15 mils of silicone coating, embed fabric in wet coating. After base coat has cured apply a generous coat silicone coating over fabric to ensure complete saturation.
8. All membrane seam failures receive 3-course method 15 mils of silicone coating, embed fabric in wet coating. After base coat has cured apply a generous coat silicone coating over fabric to ensure complete saturation.
9. Repair or replace any sheet metal that does not provide a watertight condition.
10. Replace all fasteners that are loose or backed out.
11. Membrane cuts should receive 3-course method 15 mils of silicone coating, embed fabric in wet coating. After base coat has cured apply a generous coat silicone coating over fabric to ensure complete saturation.

Coating Installation:

12. Ensure the surface is completely dry.

13. 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