

Silicone Roof Coating Restoration (RCR) System over EPDM 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. Apply P-120 EPDM Rinseable Cleaner to roof surface.
4. Let P-120 stand for 15 minutes and then rinse off.
5. Powerwash entire roof surface and all other areas to receive new coating.

Surface Prep:

6. Roof areas greater than 500 square feet containing moisture below the roof surface need to be replaced.
7. 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)
8. Any flashings that do not provide a watertight condition receive 4" FT 500 Butyl Fleece Tape and 25 mils of HS 3200 Silicone Roof Coating over the tape.
9. All membrane seam failures receive 4" FT 500 Butyl Fleece Tape and 25 mils of HS 3200 Silicone Roof Coating over the tape.
10. For 15 or 20 year warranties, all membrane seams receive 4" FT 500 Butyl Fleece Tape.
11. Repair or replace any sheet metal that does not provide a watertight condition.
12. Identify and replace all fasteners that are loose or backed out.
13. Any membrane cuts should be repaired with 4" FT 500 Butyl Fleece Tape and 25 mils of HS 3200 Silicone Roof Coating over the tape.

Coating Installation:

14. Ensure the surface is completely dry.
15. 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