

Silicone Roof Coating Restoration (RCR) System over Modified Bitumen and Smooth Surface BUR

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. Primers are typically unnecessary over Modified Bitumen and Smooth Surface BUR. However, in situations where asphalt bleed through is a concern, install Pro-Prime P-160 Bleed Block Primer at a rate of 1 gallon per 100 square feet.

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 a 3 course coating-fabric-coating detail.
6. All membrane seam failures receive a 3 course coating-fabric-coating detail.
7. All membrane seams receive 20 mils of Pro-Eco Sil HS 3200 Silicone Roof Coating or Pro-Poly Sil LS 2200 Series Silicone Roof Coating prior to coating the field of the roof.
8. Repair or replace any sheet metal that does not provide a watertight condition.

Coating Installation:

9. Ensure the surface is completely dry.
10. Install silicone at a rate of:
 - a. 25 mils minimum for a 5 year warranty
 - b. 30 mils minimum for a 10 year warranty
 - c. 35 mils minimum for a 15 year warranty
 - d. 40 mils minimum for a 20 year warranty