

## Acrylic Roof Coating Restoration (ARCR) System over Metal Roof Panel

# Installation Overview

**Note:** The following instructions are an overview of the Acrylic Roof Coating Restoration installation process; they are not intended to replace the Recommended Design Specifications at PMSilicone.com.

### Required:

#### 1. Adhesion Test.

### Cleaning:

2. Power wash the entire roof surface and all other areas to receive new coating.
3. Any rust areas should be cleaned with a wire brush and then receive P-130 Rust Inhibitive Primer at 1 gallon per 200 sq. ft.

### Surface Prep:

4. Any flashings that do not provide a watertight condition receive the following options
  - a. 3-course method – apply 25 mils base coat embed fabric let cure then apply 22 mils of AC-1200 Coating over fabric.
  - b. AM-400 mastic at a minimum of 45 mils.
5. Repair or replace any sheet metal that does not provide a watertight condition.
6. Identify and replace all fasteners that are loose or backed out.
7. Prior to coating the field of the roof, spot apply AM-400 Series mastic to all fasteners.
8. Thoroughly power wash fiberglass skylights and apply 2 coats (30 total mils) of HS 3220 Translucent Skylight Coating.
9. For vertical laps:
  - a. If there is a gap larger than 1/8" at lap joint, install additional stitch fasteners.
10. For Horizontal laps: (Includes ridge cap where applicable.)
  - a. Install Am-400 at a minimum of 45 mils on all horizontal seams in a 4" pass.
  - b. 3-course method - 25 mils base coat embed fabric let cure then apply 22 mils of AC-1200 Series Roof Coating over fabric.

### Coating Installation:

11. Ensure the surface is completely dry.

12. Coating passes should be perpendicular to each other. (cross hatched).
13. Install silicone at a rate of:
  - a. 22 mils minimum for a 10-year warranty (1.25 gal. per sq.)
14. Care should be taken to ensure proper coverage of vertical rib surfaces.