

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

Note: Progressive Materials AC 1201(white) Acrylic coating only. Nonwhite colors are not permitted.

Cleaning:

Condition A (Stable)	Condition B (Degraded)
Coating is well-adhered with minor surface dirt or light biological growth.	Coating is flaking, "alligating," or shows significant silt buildup/heavy moss, aluminum coating Ensure all roof drains are clear, and gutters are functional to prevent ponding during the process.

Cleaning Procedure:

Power Washing "Soft Wash"	Power Brooming (Mechanical Agitation)
<p>Equipment: Pressure washer equipped with a wide-angle fan tip (minimum 40°) or rotating surface cleaner. Do not exceed 1,500 PSI. Fan tip distance 12–18 inches from the surface. Surface cleaner should not exceed 1,500 PSI.</p> <p>Always spray with the laps (downslope), never against the seams, to avoid forcing water under the membrane.</p> <p>Use a biodegradable surfactant or a specialized roof cleaner if heavy oils are present.</p>	<p>Equipment: Walk-behind power broom with soft-to-medium nylon bristles. Steel bristles are prohibited. Ex: ARIENS Power Brush. Model# 926088</p> <p>Used primarily for "Condition B" areas where silt or heavy sediment has dried and bonded to the surface.</p> <p>Technique: Operate at low RPMs to prevent "burning" the membrane through friction heat. Sweep debris toward a central collection point or toward the perimeter (if using a debris containment system).</p> <p>Follow-up: Always follow power brooming with a blower or low-pressure rinse to remove the loosened fines.</p>
<p>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 sq. ft.</p>	

Cleaning Procedure:

1. Power wash the entire roof surface and all other areas to receive new coating.
2. (New modified or cap sheet repairs must weather a minimum of 90 days to before being coated.)
3. Ensure substrate has proper drainage.
4. Roof areas greater than 500 square feet containing moisture below the roof surface need to be replaced.
5. 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)
6. Repair or replace any sheet metal that does not provide a watertight condition.
7. Any flashings that do not provide a watertight condition may receive a 3-course coating-fabric coating detail.
8. All membrane seam failures receive a 3-course coating-fabric coating detail.
9. 3-course method – apply 25 mils base coat embed fabric let cure then apply 25 mils of AC-1200 Coating over fabric.
10. All membrane seams receive 20 mils of AC-1200 coating prior to coating the field of the roof. be replaced.

Coating Installation:

1. Ensure the surface is completely dry.
2. All passes must be completely cured before applying next pass.
3. Coating passes should be perpendicular to each other. (cross hatched)

Warranty Requirements:

10-Year Warranty	15-Year Warranty	20-Year Warranty
10-Year Warranty: 25 dry mils (two passes at 1.5 gal/sq. total 3 gal).	15-Year Warranty: 34 dry mils (three passes for a total of 4 gal).	20-Year Warranty: 42.5 dry mils (three passes for a total of 5 gal).
Base Coat		
1.5 gal/sq.	1.5 gal/sq.	1.75 gal/sq.
Intermediate Coat		
1.5 gal/sq.	1.5 gal/sq.	1.75 gal/sq.
Topcoat		
—	1 gal/sq.	1.25 gal/sq.