

Refurbishing metal roofs with Liquid Rubber MetalSafe is a cost effective system that will dramatically reduce cooling costs and extend roof life. Even rusted roofs become sustainable, deferred roof replacement indefinitely. This brief outline is a typical metal roof restoration process. For more information, please read Liquid Rubber's MetalSafe Specification Detail Guideline.

Basic Guidelines for Standing Seam & Exposed Fastener Metal Roofs

Flexible Waterproof Membrane

Excellent Corrosion Protection

Very Cost Effective

Step #1 - Address Fasteners

Tighten or replace loose fasteners and replace damaged panels.

Step #2 - Clean the Roof

Metal roofs must be first pressured washed. A rotary (turbo) nozzle removes flaky paint, coarse rust, dirt and grime effectively. Biodegradable de greasers may be needed to remove stubborn residues and will need to be rinsed thoroughly.

Step #3 - Seal Roof Leaks

Apply 2 dabs of MetalSafe S-300 on Fasteners or 1 dab of MetalSafe Caulking Gel using bulk Caulking Gun. Seal seams, flashings and penetrations using one or a combination of the following methods:

- **Method 1):** Use Liquid Rubber Seam Tape only, which will be coated in Step #4.
- **Method 2):** Use the 3-Course Method by applying a coat of MetalSafe S-300 Sealant to the substrate, embed MetalSafe Geo-Textile fabric into the wet sealant, allow to tack up and coat again with MetalSafe S-300.
- **Method 3):** Use the MetalSafe Caulking Gel for seams and penetrations less than 1/16" (1.5mm).

Step #4 - Coat the Roof

Once the preparation is completed and dried, use one of the following applied to the entire roof surface:

1. Apply 30-mil/0.75 mm DFT (dry film thickness) of "Instant Set" MetalSafe B-300 spray product in 1 coat;
 - a. Coverage: 35 ft² / G, 0.85 m² / L
2. Apply 30-mil/0.75 mm DFT of MetalSafe S-300 Sealant by brushing or spraying in approximately 2 coats;
 - a. Coverage: 32 ft² / G, 0.78 m²/L
3. Apply 30-mil/0.75 mm DFT of MetalSafe A- 300 (Color) by brushing or spraying in approximately 2 coats.
 - a. Coverage: 23 ft² / G, 0.56 m²/L

Step #5 – Final Inspection

After the final coating has dried sufficiently enough to walk on and not cause damage, inspect the area for uniformity of membrane thickness and coverage.