



LIQUID RUBBER

RV ROOF COATING

Application Guide



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RV ROOFS ARE NOTORIOUS FOR LEAKING

Whether it's a vent, skylight, tear, or slide, it seems to never end. Eliminate the need for costly service calls with Liquid Rubber RV Roof Coating, the easy Do-It-Yourself way to keep your RV dry. You can keep your RV roof leak free with a roof coating that seals and protects the surface to withstand changing temperatures and reflect the sun's heat and damaging UV rays.



Before



After



EPDM



TPO



Metal/Aluminum



Fiberglass

STEP 1: BEFORE YOU BEGIN

IDENTIFY YOUR ROOF

The first step of using RV Roof Coating is to determine your roof's material. Here is how to determine RV roof type:

1. EPDM - Smooth & rubbery. White top and black bottom. Most common RV Roof material.
2. TPO - Textured & plasticky. Same color top and bottom usually.
3. Metal/Aluminum - Looks like a metal roof.
4. Fiberglass - Smooth hard gel like surface.
5. PVC/Vinyl - Smooth & plasticky. Same color top and bottom.

If you're not sure of your RV roof type, take some pictures and email them over to Support@ShopLiquidRubber.com We can walk you through the whole process.

PICK THE RIGHT PRIMER:

1. EPDM or TPO – Liquid Rubber EPDM & TPO Primer.
2. Vinyl/PVC, Fiberglass or Aluminum – Use Multi-Purpose Primer.



INSPECT ROOF:

You can apply over clean, well adhered Lap Sealant (not silicone). If there is a coating on the roof, an adhesion test is recommended. Please contact us to ensure compatibility.

1. Remove loose, flaking lap sealant.
2. Remove any Silicone Caulking (usually clear or opaque and rubbery).
3. Check for cracks or seams pulling back, coming loose.
4. Look for signs of cracking, peeling, or bubbling.

STEP 2: ONCE YOU HAVE YOUR SUPPLIES

WEATHER & WHEN TO APPLY

- Apply in dry, warm temperatures
- 10C/50F and above, including overnight temperatures
- Do not apply in wet conditions or if rain, fog or dew is forecasted within 24 hours
- Out of hot, direct and intense sun
- Below 80% humidity
- Make sure what you're coating is at least 5 degrees above the dew point of the environment ([Click here for more info](#))

SET UP YOUR WORKSPACE:

Stay organized and limit clean up by following these setup tips:

1. Set out a tarp or large piece of cardboard to keep containers and tools on when not in use.
2. If there is a spillage, soak up as much material as possible with rags.
3. Clean your spillages with soap and water as much as possible.
4. If the spillage dries, scrape it off with a razor/scrapper/etc, use mineral spirits/white spirits to weaken the product, and then scrub with a wire brush.
5. Wrap tools in plastic to keep them moist in between coats (kitchen wrap is fine). Best to use disposable brushes and rollers.
6. Do not use solvents or solvent based cleaners, adhesives, and paints near your working area.
7. Refer to the product Safety Data Sheet for personal protective equipment recommendations.



STEP 3: PREPARE THE AREA

PREPARATION & CLEANING:

- 1a. For PVC, Metal and Fiberglass RV Roofs.
 - Roughen the surface with 120 grit sandpaper
- 1b. For TPO RV Roofs
 - Sand very well with 120 grit sandpaper
2. Clean with Liquid Rubber RV Smart Cleaner for all roof types.
3. Use masking tape for areas not to be painted and remove while the Primer/Coating is still wet. Apply masking tape for each coat.



STEP 4: DETAIL WORK

SEALING RV ROOF VENTS & SEAMS:

1. Wipe around edges and seams with Acetone soaked rag. *Do not pour acetone directly onto roof.
2. Use Liquid Rubber RV Lap Sealant around smaller vents and seams and Liquid Rubber Seam Tape for larger areas that need to be bridged.
3. Prime around the vents and edges with appropriate RV Roof Primer. (Do not prime over RV Lap Sealant or Seam Tape)
4. When the Primer is dry (EPDM/TPO Primer is sticky when dry), apply a heavy coat of Liquid Rubber RV Roof Coating over the Primer, Lap Sealant and Seam Tape. Leave some of the Primer exposed so you can lap onto it later.





STEP 5: APPLY THE COATING

HOW TO APPLY RV ROOF COATING:

1. Wipe one side of the roof lengthwise with Acetone soaked rag and apply Primer. Allow 1-2 hours to dry (Primer will remain sticky/tacky).
2. Apply RV Roof Coating in a heavy coat over the Primer leaving 4-6 inches of the Primer exposed.
3. Once RV Roof Coating is dry (6-8hrs) and you can work on it, wipe the other side of the roof with Acetone and apply Primer.
4. Apply RV Roof Coating in a heavy coat over the Primer.
5. Once dry (6-8hrs) and you can work on it, apply additional coats in opposite directions until you use up your final recommended coverage. ie. 5 gallons for a 30 ft RV.
6. Before applying the final coat, inspect for any differences in thickness, pinholes, or blisters and repair if necessary.
7. Remove any masking tape while coating is still wet.
8. The final coat cures in 48-72 hours.

TIPS & TRICKS

- Use disposable gloves
- Use throw away brushes and standard 3/8" (10mm) rollers
- Mix products well before using
- Some previously applied coatings/sealants/paints may affect adhesion. Contact us if you are unsure
- Do not let products freeze in their containers
- If you allow your coating to dry too much, you can score/cut along the tape line before pulling to prevent lifting the coating
- Speak to Liquid Rubber Tech Support with any questions: 1-855-592-1049

*If your RV is under warranty, contact your manufacturer to make sure you can work on your RV yourself.



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RV ROOF COATING

COVERAGE

1 Gallon = 50 FT²
5 Gallon = 250 FT²



EPDM/TPO PRIMER

COVERAGE

1 Gallon = 250 FT²



MULTI-PURPOSE PRIMER

COVERAGE

1 Gallon = 175 FT²



RV SMART CLEANER

COVERAGE

1 Gallon = 200-400 FT²



RV LAP SEALANT

COVERAGE

5/16 BEAD" = 22 LINEAR FEET



SEAM TAPE

COVERAGE

2" X 50FT ROLLS
4" X 50FT ROLLS