



**LIQUID RUBBER**

# RV ROOF COATING

## Application Guide

### Time to Complete

**Application time:**

48 hours

**Cure time:**

48-72 hrs

### Difficulty

**Beginner**

### Products Needed

**5**

## TABLE OF CONTENTS

RV Roof Type           page 2  
Supplies Needed       page 3  
Preparing the Area   page 4  
How To Apply           page 5

Helpful Tips           page 6  
Product Coverage     page 7  
Aftercare              page 8  
Inspection Records   page 9

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## RV ROOFS ARE NOTORIOUS FOR LEAKING

Stop chasing leaks around your RV roof. **Liquid Rubber RV Roof Coating** creates a complete waterproof barrier that seals the entire surface, not just problem spots. It reflects heat, blocks UV damage, and flexes with temperature changes. Get professional-level protection without the professional price tag.



### 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. (Can appear chalky)
2. **TPO** - Usually has a textured 'orange peel' finish and same color top and bottom.
3. **Metal/Aluminum** - Looks like a metal roof, may be painted.
4. **Fiberglass** - Smooth hard gel like surface.
5. **PVC/Vinyl/ABS** - Smooth & glossy plastic finish. Same color top and bottom. One solid shell.

If you are unsure of your roof type, contact the manufacturer with the VIN, or **contact our Product and Application Support Team for assistance.**

**Email:** [Support@ShopLiquidRubber.com](mailto:Support@ShopLiquidRubber.com) or **phone:** 1-855-592-1049

#### PICK THE RIGHT PRIMER:

Using the correct primer for your roof type is critical for a successful seal.

1. EPDM or TPO – **Liquid Rubber EPDM & TPO Primer.**
2. Vinyl/PVC/ABS, Fiberglass or Metal– Use **Liquid Rubber Multipurpose Primer.**



Before



After



EPDM



TPO



Metal/Aluminum



Fiberglass

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



## WHAT YOU NEED: LIQUID RUBBER PRODUCTS

1. Liquid Rubber RV Smart Cleaner
2. Liquid Rubber RV Lap Sealant
3. Liquid Rubber Seam Tape
4. Liquid Rubber Primer - Select the correct primer for your roof type
5. Liquid Rubber RV Roof Coating

## OTHER SUPPLIES:

- Scraper/ razor blade
- Non-scratch scouring pad
- Scrub brush
- Clean water
- Acetone or rubbing alcohol
- White rags
- Caulking gun
- Scissors/ utility knife
- Nail, pin or puncture tool
- 120 grit sandpaper
- Disposable nylon brushes
- 3/8" microfiber rollers
- Painters tape
- Putty Knife - for tooling Lap sealant



### IMPORTANT NOTE:



Coverage rates shown are TOTAL amounts needed - **Not per coat.**

You will need to use the TOTAL amount for proper protection.

Use our [kit builder](#) to make sure you have the right amount for your project.

## INSPECT ROOF:

1. Identify any loose or flaking sealants, damaged and missing trim. 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. *\*Products will not adhere to silicone*
2. Check for cracks or seams pulling back or coming loose.
3. Look for signs of cracking, peeling, or bubbling.
4. Gather your supplies and check the weather



## STEP 2: ONCE YOU HAVE YOUR SUPPLIES

### WEATHER & WHEN TO APPLY

- Apply in dry, warm temperatures
- Between 50°F (10°C) and 86°F (30°C) air and surface temperature, including overnight
- 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 or scraper, use mineral 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:

1. Remove any loose and flaking caulking from the roof. Any silicone caulking will also need to be removed. Products don't adhere to silicone.
2. Sanding:
  - a. **For PVC, ABS, Metal and Fiberglass RV Roofs:**  
Lightly scuff the surface with 120 grit sandpaper
  - b. **For TPO RV Roofs:**  
Sand aggressively with 120 grit sandpaper
3. Clean with **Liquid Rubber RV Smart Cleaner** for all roof types.

#### To use RV Smart Cleaner

- a. Apply cleaner directly to roof
- b. Allow cleaner to sit 5-10 minutes (without drying)
- c. Scrub entire roof
- d. Rinse thoroughly with clean water

4. For rusted areas on metal roofs, remove any heavy scale & spot prime with a water-based rust primer/converter to prevent bleed-through. Follow application and drying instructions on the rust primer used before proceeding to the next step.

**\*\*Protect any glass from the RV Smart Cleaner. If contact occurs, rinse well right away**





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## STEP 4: DETAIL WORK

### SEALING RV ROOF VENTS & SEAMS:

1. Wipe around edges and seams with a white rag lightly soaked with Acetone. *\*Do not pour acetone directly onto the roof, and do not wipe skylights*
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, or curved and vertical areas.

#### To use Liquid Rubber RV Lap Sealant

- a. Cut the tip of the tube
- b. Pierce the inner seal of **RV Lap Sealant** tube numerous times with a nail or pin
- c. Insert tube into a caulking gun and squeeze the trigger.
- d. Apply **RV Lap Sealant** in a tight zig-zag around the vent or skylight, covering 1" on each side of the seam. Keep each bead no more than 1/8" apart so they flow together. *\*Use only on horizontal surfaces*
- e. Allow 24 hours to dry if coating over with **Liquid Rubber RV Roof**

**Coating.** *Curing time varies depending on weather conditions.*

#### To use Liquid Rubber Seam Tape

- a. Measure and pre-cut a length of **Seam Tape**
- b. Peel off a small portion of the backing at a time as you press down into place to avoid wrinkles and creases.
- c. Apply pressure with hand or roller to activate adhesive and secure tape firmly in place

3. Prime around the vents and edges of the roof with the appropriate **RV Roof Primer**. (Do not prime over RV Lap Sealant or Seam Tape)

4. When the Primer is dry (*usually 1-2 hours*), apply a heavy coat of **Liquid Rubber RV Roof Coating** over the Primer, Lap Sealant and Seam Tape. Leaving some of the primer exposed so you can lap/paint primer onto it later when you are ready to coat the full roof.

**\*\*Multipurpose Primer** will be clear when dry. (*Can be walked on*)

**\*\*EPDM & TPO Primer** remains very sticky/tacky when dry - **DO NOT WALK ON IT. Have an exit plan.**





## STEP 5: APPLY THE COATING

### HOW TO APPLY RV ROOF COATING TO THE FULL ROOF:

**\*\*\*Working on half the roof at a time gives you an area to walk on\*\*\***

1. Wipe one side of the roof lengthwise with a white rag, lightly dampened with Acetone.
  2. Begin Primer application immediately on this half of the roof. Allow 1-2 hours to dry (**EPDM & TPO Primer** will remain sticky/tacky).
  3. Apply **RV Roof Coating** in a heavy coat over the Primer leaving 4-6 inches of the Primer exposed (*to lap onto later*).
  4. 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.
  5. Apply **RV Roof Coating** in a heavy and even coat over the Primer.
  6. Once dry (6-8hrs) and you can work on it, apply additional coats in opposite directions until you use up your final recommended coverage.
- Example:** 5 gallons for a 30 ft RV. \*1 gallon covers 50 ft<sup>2</sup>  
(Using less will not provide the appropriate thickness for protection)
7. Before applying the final coat, inspect for any differences in thickness, pinholes, or blisters and repair if necessary.

- Remove any painter's tape while coating is still wet.
- The final coat cures in 48-72 hours. Allow to cure before driving.

## HELPFUL TIPS

- If you allow your coating to dry too much while tape is still applied, you can score/cut along the painter's tape line before pulling to prevent lifting the coating
- Be sure to not block any AC unit drainage when resealing the unit.
- If your roof membrane is wrinkling, bubbling, or otherwise debonding from the surface it is best to speak to a qualified RV Repair Technician
- For sloped or vertical areas, such as a curved front end cap, work in thinner coats to build up the membrane to avoid dripping.
- It is always a good idea to apply a small test patch in an inconspicuous area to ensure adequate adhesion prior to full application.
- Use disposable gloves, brushes, and rollers
- Do not let products freeze before final cure.

If you have any questions about compatibility or application, reach out to the Liquid Rubber Product and Application Support Team to discuss your project.



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# COVERAGE

**A STANDARD 30FT RV WITH AN EPDM ROOF NEEDS:**



- 1 Gallon RV SMART Cleaner
- 5 Gallon pail RV Roof Coating
- 1 Gallon pail EPDM & TPO Primer
- 4 tubes RV Lap Sealant
- 1 Roll Seam Tape



Use our RV ROOF **Kit builder** to calculate how much you need [\[click here\]](#)



## RV ROOF COATING

### COVERAGE

- 1 Gallon = 50 FT<sup>2</sup>
- 5 Gallon = 250 FT<sup>2</sup>
- 5 Gallon = 30 FT RV Roof**



## EPDM & TPO PRIMER

### COVERAGE

- 1 Gallon = 250 FT<sup>2</sup>
- 1 Gallon = 30 FT RV Roof**



## MULTIPURPOSE PRIMER

### COVERAGE

- 1 Gallon = 200 FT<sup>2</sup>
- 1 Gallon = 30 FT RV Roof**



## RV SMART CLEANER

### COVERAGE

- 1 Gallon = 200-400 FT<sup>2</sup>
- 1 Gallon = 30 FT RV Roof**



## RV LAP SEALANT

### COVERAGE

- 1/4" Bead = 25 linear feet
- 2 small vents per tube**



## SEAM TAPE

### COVERAGE

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



## AFTERCARE TIPS

### TO BE USED AS A GENERAL GUIDE

#### REGULAR INSPECTIONS

- Every 6 months (after winter is best) - Quick Visual checking for debris, standing water, or obvious damage. Thorough inspection of all seams, vents, AC units, and antenna mounts.
- After Severe weather - Always inspect after hailstorms, heavy winds, or extended periods of harsh sun

#### CLEANING AND MAINTENANCE

- As needed - Clean with **Liquid Rubber RV Smart Cleaner** to remove dirt, tree sap, bird droppings and more.
- Use a soft-bristle brush or mop (never abrasive scrubbers)
- Rinse thoroughly with clean water after cleaning
- Keep gutters and drainage areas clear of leaves and debris

#### WHAT TO LOOK FOR

- Cracks or splits in the coating or lap sealant
- Peeling or bubbling areas
- Loose or damaged sealant around roof penetrations (vents, skylights, AC units)
- Standing water or poor drainage areas
- Tree Branches rubbing or touching the roof
- UV damage or fading in high-exposure areas

#### PREVENTATIVE CARE

- Trim overhanging tree branches before storing or parking
- Avoid parking under trees when possible (heavy branches)
- Consider a breathable RV Cover for long-term storage
- Touch up small problem areas as soon as possible!
- Keep a small container of Liquid Rubber or the RV Repair kit on hand for emergency repairs

#### WHEN TO RECOAT

- Most **Liquid Rubber** full roof applications last 10+ years depending on climate, usage and application
- Recoat when you notice peeling, bubbling, damage or widespread wear
- High-sun climates or extreme cold climates may need recoating sooner

#### EXPERT TIPS

- Avoid using petroleum-based cleaners or harsh chemicals
- Address small issues immediately to prevent bigger problems
- In winter, gently remove heavy snow buildup to prevent stress



# INSPECTION RECORDS

TO BE USED AS A GENERAL GUIDE

Check your roof every 6 months and after severe weather. Your RV manufacturer may have specific maintenance requirements, so follow their schedule to keep your warranty valid.

*\*Keep this page in your glovebox*

Date	Mileage/ Hours	Condition/ Maintenance Notes
MM/DD/YYYY	EXAMPLE	Resealed complete roof