



*Spray your way to a cooler, quieter Ride*



**Application Instructions**



# Recommended Materials for LizardSkin Application

- LizardSkin Sound Control and/or Ceramic Insulation
- LizardSkin SuperPro Application Kit
- LizardSkin TopCoat
- Air compressor (20+ gallon tank) capable of 4–5 CFM and 50–70 PSI at the trigger
- Air nipple
- In-line air regulator (recommended, not required)
- Sandpaper or other scuffing material, at least 120 grit
- Gloves, safety glasses, & N95 mask
- 1 bucket of warm (preferred, but not necessary) water and a disposable rag
- Dawn® dish soap
- Automotive primer (for bare steel surfaces)
- Aluminum foil
- Floor covering (cardboard, craft paper, tarp, etc.)
- Rubber spatula
- Automotive Masking Tape



**NOTE:** The ambient **AND** substrate temperature **MUST BE ABOVE 60°F/15°C** throughout application and curing process for LizardSkin to cure properly. It is ideal for the temperatures to be over 70°F/21°C.



**NOTE:** If you are applying both Ceramic Insulation and Sound Control, **IT IS RECOMMENDED TO APPLY SOUND CONTROL FIRST** and allow it to cure for at least 24-36 hours (depending on temperature and humidity) prior to applying Ceramic Insulation.



**Tip:** Keep a bucket of warm (if possible) water and a rag handy to wipe up any LizardSkin if it gets somewhere unintended for use.





TIP: Higher air pressure can produce a finer/smooth pattern, but pressures over 80 PSI may prematurely dry and damage the coating during application.

## Surface Preparation

1. Surface must be clean, dry, and free of rust, oil, and grease. It is recommended that all surfaces (aside from freshly-primed) be cleaned with Dawn® dish soap and water prior to application of LizardSkin water-based coatings.
2. **BARE STEEL** requires an automotive primer. Follow primer manufacturer instructions regarding surface preparation and sanding/scuffing time frames. Existing high gloss primers and painted surfaces will require a scuffing prior to application.
3. **ALL TYPES OF SEAM SEALERS** will need an automotive primer. Follow primer manufacturer instructions regarding surface preparation and sanding/scuffing time frames.
4. **FIBERGLASS, WOOD, PLASTIC, AND STAINLESS STEEL** will need to be scuffed with at least 120 grit sandpaper. Make sure any residual dust or particulates are cleaned off the surface before applying LizardSkin.
5. **WHEN APPLYING LIZARDSKIN OVER A RUST ENCAPSULATOR** or similar type of coating, it is highly recommended that a primer be applied prior to LizardSkin due to coatings' water-based nature. Follow manufacturer instructions regarding surface preparation and sanding/scuffing time frames.
6. Mask off all areas not intended to be sprayed with LizardSkin.
7. Use aluminum foil to cover irregular shaped components, including; steering columns, brake and throttle pedal assemblies, wiring, suspension components, and any screw holes or threaded holes.

## Product Preparation

1. **If you are applying both Ceramic Insulation and Sound Control, IT IS RECOMMENDED TO APPLY SOUND CONTROL FIRST** and allow it to cure for at least 24-36 hours (depending on temperature and humidity) prior to applying Ceramic Insulation.
2. Open container using the tear tab on the lid. Pull tab off and remove lid. Keep the lid to reseal any unused portion after application.
3. Mix LizardSkin using a variable speed drill and a stir paddle bit at a low RPM (300 or less) to a smooth consistency. Normal mix time is less than 2 minutes.
4. Clean stir paddle in water bucket immediately after mixing.
5. Lay lid on top of LizardSkin bucket until ready to fill Sprayer Cup to keep out foreign objects and to prevent product from skinning.



# Using the SuperPro Application Kit

1. Adjust the spray tip on the Sprayer by screwing in the nozzle until it bottoms out, and then bring it back out 2 complete turns (360 degrees).

**Tightening** the nozzle will **reduce** flow of material; **loosening** will **increase** flow. Increased flow may require additional air pressure. Use the locking ring when you find your optimal volume setting.

2. Adjust your air compressor to deliver 55-70 PSI at the trigger.
3. Pick up the LizardSkin bucket and pour into the Sprayer Cup. Hold it 8-10 inches above the Sprayer Cup and let it taper into a stream. Wipe up any product on the side of the bucket after you have poured. Lay lid back onto open bucket when not pouring. You can use a rubber spatula to get as much product out of the bucket as possible when it is almost empty.
4. Spray a test pattern onto a piece of cardboard or other disposable flat surface. You are looking for the pattern to be approximately the size of a softball. Please see previous instructions on spray tip for adjustment recommendations.
5. Work with small areas (24" x 24") to ensure consistency and slightly overlap (feather) when moving to the next area. A cross-hatching (vertical, then horizontal passes) pattern can aid in achieving a consistent film thickness.

**TIP: The goal is to fully coat the surface uniformly, ensuring optimal thermal and sound control performance. Please remember that this coating has a much thicker viscosity compared to normal paint. It will not flow or atomize like conventional coatings. A slightly dimpled surface is normal. It will settle as it dries.**



**NOTE:** Coating is thick and does not require thinning with water. DO NOT ADD WATER without talking with a LizardSkin representative first.



**TIP:** Put floor covering down and place LizardSkin bucket, water bucket and mixing paddle on top. This will prevent any wet coating getting on your shop floor while mixing and pouring product into the Sprayer Cup.





## Wet Mil Gauge Instructions

Use the Wet Mil Gauge to test thickness. Press gauge into wet coating. Withdraw vertically and note the deepest tooth having coating on it and the next higher tooth that is not coated. The true wet film thickness lies between these two readings. Do not allow coating to dry on teeth, as this can affect future readings.



6. **Do not exceed wet film thickness of 20-24 mils (0.5 – 0.6 mm).**  
Preferred wet film thickness is 15-20 mils (0.4-0.5 mm). We recommend two 20 mil coats for a total of 40 mils (1 mm) for EACH product.
7. In between coats, pour any unused product in the cup back into the bucket. Put the Sprayer, including Sprayer Cup, into the water bucket until ready for next coat. When ready for next coat, spray water through the Sprayer to flush any remaining product out of the nozzle.
8. Wait at least 1 hour between coats depending on temperature and humidity. Use the 90° thumb test to ensure coat has dried. To do this, press your thumb against the coating while twisting 90°. If the coating does not stick to your thumb, it is ready for the next coat.
9. Repeat above steps 6 and 7 above for 2nd coat.
10. If you are applying both products, wait at least 24-36 hours (depending on temperature and humidity) before spraying Ceramic Insulation on top of Sound Control
  - A. When ready to apply Ceramic Insulation, follow instructions above, because they are same for both coatings.
  - B. Total thickness of the application when using both products should be 80 mils (2.0 mm).
11. After you are done applying both products, thoroughly clean the Sprayer by removing cup and nozzle and flushing with water. Let air dry once clean.

**NOTE: DO NOT force cure by aiming a heat source at the wet coating. This will prevent it from properly curing and can result in moisture entrapment and surface cracking.**

## Cleaning Sprayer

1. When cleaning Sprayer, remove spray tip and nozzle. Ensure that threads and inners of the two pieces are completely clean of product.
2. Next, use a **deep** 11mm socket to remove the brass tip in the Sprayer's nozzle to clean any excess build up of product inside the Sprayer. Flush thoroughly.
3. Reassemble gun completely once everything is cleaned and dry.
4. Spray one cup of hot water through the gun. Once the Sprayer is dry, store until next use.

## Product Storage

1. If you have product remaining after you have completed your application, you can store the product for later use.
2. Press lid down to tightly seal the bucket.
3. Store in a cool, dry place between 50°F and 90°F (10°C and 30°C). Keep out of direct sunlight.
4. See pail label for shelf life information. Product stored after opening the bucket usually decreases the expiration date by a few months.



# TopCoat Application

**Use LizardSkin TopCoat to add durability, traction, and a glossy finish to your LizardSkin application.**

1. Ensure that LizardSkin CI and/or SC has fully cured (72+ hours) prior to application and that no dust or other foreign matter is on the coating. Protect surrounding areas from spray mist. For best results, use when both TopCoat can and surface temperature are between 50°F and 90°F (10°C and 30°C).
2. Shake can at least one minute after rattle is heard and occasionally during use.
3. Spray surface with steady even strokes at a distance of 8 to 10 inches (20 to 25cm). Several light coats give a better finish than one heavy coat.
4. If clogging develops, turn nozzle 1/4 turn or remove and clean spray head slot. Do not stick pin or other objects into can opening. With can and nozzle pointed away from you, reinsert nozzle with a gentle twisting motion.
5. To clear nozzle for future use, turn can upside down and spray for 3 seconds. Completely empty cans may be recycled or disposed of with regular trash. **DO NOT incinerate or compact.**



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