



Legacy Coating Installation Instructions

Paint Preparation

- Decontaminate the paint using your standard wash process, chemical iron remover, and clay media. Clean paint is crucial for coating adhesion. While polishing is mainly for defect removal, it may be required if the paint shows signs of oxidation.
- For final preparation immediately before coating, use Roar Panel Prep on all surfaces to be coated. This will ensure that no residual oils or solvents remain on the surface. Roar Panel Prep has been specifically developed to form the best bond for Legacy. We cannot guarantee the same bond using anything other than Roar Panel Prep.
- Spray the prep solution onto a plush microfiber towel and wipe down any areas (paint, plastics, metal, glass, etc.) where the coating will be applied. Let Panel prep really work to lift any oils and best practice is to perform this step twice per panel/area.

Coating Notes

- This is a **single layer application**. The only exclusion to this is we would always recommend two layers in all high impact areas (front bumper, mid to lower doors, inside door entry areas etc
- The Legacy Coating can be applied to **any surface** (paint, plastic, glass, wheels, metal – except aluminum).
- The coating is **safe to get wet after two hours**, however, it should **not be exposed to standing water for at least 24 hours**; ensure that it is dried promptly after water exposure.
- **Full curing takes 7 days**, during which time the vehicle should not be washed or exposed to harsh chemicals. A mild rinseless solution for spot cleaning is acceptable.

- The coating comes with a **7-year warranty** on **painted surfaces** for **personal vehicles only**. This is not a 7-year coating, but comes with a 7-year warranty. Longevity is based on vehicle usage, maintenance and care.
- For painted surfaces and metal, it is recommended to use a **microfiber sponge block applicator**. This makes the application easier on these surfaces.
- For plastics, it is recommended to use the **orange foam applicators**. Apply with pressure to work it in properly, rather than lightly rubbing.
- The coating can be spray-applied using the Iwata LPH-80 spray gun (see separate videos and instructions for proper setup and application).
- It is recommended to use both a timer (25 minutes) and a stopwatch to ensure minimum dwell times are achieved and to better track leveling times.
- The **minimum dwell time before leveling is 25 minutes**. Leveling beforehand can preclude proper adhesion and impact hydrophobic properties. Follow the **Roar temperature and humidity chart** for more detailed timings based on your working conditions

Legacy Coating Application

- Pick a starting point and start a timer (25 minutes) and a stopwatch.
- **A little goes a long way.**
- Place **8-10 drops** initially to prime the pad dispense these drops to gain even coverage over the full microfiber pad area.
- Apply the coating to the surface in a small circular motion, if you feel the coating is thinning too much, add 2 more drops to the applicator and continue. Try to avoid reapplying over areas already applied. The goal is to just visually see the product spreading, but not over saturating the surface. You may see slight self leveling, this is by design.
- Apply only **6-8 drops** to the pad per subsequent area.
- Apply continuously over all areas to be coated up until ~25 minutes, then go back to the starting point to do a small test spot wipe. If the coating wipes easily and feels oily, leave it longer and monitor. Start leveling when you feel a slight resistance under the towel.
- It is recommended to use an **80% leveling technique**: lightly level the area using a low-pile pearl weave microfiber towel, but not fully (80%). Wait around 10 seconds, then use a **plush, high-pile microfiber towel** to buff the remaining 20% using more pressure.

- For plastics, use the **orange foam applicators**, and apply with pressure to work it in properly, rather than lightly rubbing. Leveling is not necessarily required, but for some finishes, a light wipe-down may be needed to smooth out the finish.
- For **glass**, a little goes a long way. It is recommended to use the fresh portion of an applicator and use **approximately four to six drops** per window. A **longer dwell time of 30-60 minutes** and the use of two towels to remove any residual solvents, are highly recommended. For the windshield, coat one half first and the second half after (**4 drops per side**). A second layer on the windshield will boost resistance to wiper blade usage. Wait at least 30 minutes prior to applying the second coat.
- It is important to note that glass is very porous but not dry, so the coating may need longer to soak in before leveling. If it is smearing or appears to be oily then wait longer till it is not.
- **Use a quality CRI light** to check for high spots. High spots typically occur near crevices, creases, emblems, and other areas where a smooth wiping motion of the towel cannot be performed.
- If you notice any high spots that cannot be removed via a simple wipe off with your leveling towel or by applying lightly over the area with your coating applicator (solvents of fresh coating can break down the high spot), lightly massage the area with a plush microfiber towel and a small dab of light polish using your finger.

Application Amounts

- For a small 2 door car you will use about 7mls of product for the paint, trim and glass. Paint and trim will be about 6mls and glass will be around 1ml. This is a rough estimate as the size of the vehicle varies.
- On a full sized pickup you will use about 11mls of product for the paint, trim and glass. Paint and trim will be about 10mls and glass will be just over 1ml. This is a rough estimate as each truck brand varies in size.
- On Paint your Square Footage is 18ft²/ml per layer
- On Glass your Square Footage will be 22ft²/ml per layer