



## **The following steps will result in ease of application and excellent results!**

1. Wash the vehicle thoroughly with a strong car wash soap such as Stinger part number 702 Super Soap. Finish this step by removing any tar or sticky contaminants if present using Stinger part number 762 New Car Solvent.
2. Decontaminate paint using Stinger Clay Bar part number 80838 with part number 822 Showroom Shine, or Stinger Iron Remover part number 794. For best results and to achieve the smoothest surface you can do both, using the clay first and then the Iron Remover. This is especially important on lighter colored vehicles to ensure complete removal of all contaminants, ferrous metal particles will discolor (turn orange) underneath the coating if not eradicated. If the surface is not smooth to the touch, then follow the claying process above until it is smooth before continuing with any paint correction or applying Quantum Ceramic Coating. Quantum Ceramic Coating will not make a rough surface smooth; the surface must be smooth and decontaminated before the application of the coating.
3. Correct any scratches or surface imperfections at this point. Do as minimal buffing as necessary. Buffing too much or doing multiple steps if not necessary will result in more work for you. Use non-silicone-based buffing products that contain no waxes or fillers. Very soft paints and "sticky" paints, which are getting more and more prevalent from OEM's only need a very minimally aggressive buffing product like our 805 Machine Glazing Polish and a soft foam pad such as our P11 Polishing Pad used with a Gear Driven Buffer or Long Throw Buffer. Buffing these types of paints too much or too aggressively will result in a very difficult to remove haze. If water spots are present, they need to be removed and neutralized with a low pH product. Use Stinger part number 745 Water Spot Remover for this. Water spots will reappear shortly underneath the coating if not chemically neutralized by a low pH product like Stinger 745 Water Spot Remover before the application of Quantum Ceramic Coating.
4. Do a final wipe down with Stinger 738 Tree Sap Remover (also an excellent ceramic prep product) by liberally spraying product on the surface and wiping it gently with a very soft new edgeless microfiber towel, the Stinger A23 Edgeless Blue Microfiber Towel is an excellent towel for this step. This will eliminate any fillers, waxes, silicones etc and ensure a clean surface so that the Quantum Ceramic Coating can bond to the paint as it was designed to do. Thoroughly inspect the surface to see if it is ready and looks good before moving on to the next step.
5. Using the Stinger A05K Ceramic Coating Applicator apply Quantum Ceramic Coating in a 3'x3' area in an overlapping cross hatch pattern. Apply the product vertically with overlapping strokes and then repeat over the first coat in a horizontal overlapping application. Quantum Ceramic Coating is supplied in a larger bottle with more product than competitor's products, so you don't have to worry about running out or applying the product so sparingly that the end result has high or low spots. A uniform even application of a moderate amount of Quantum Ceramic Coating will yield the best results.
6. Hazing or drying is achieved when the applicator lines or applicator pattern on the surface will become more defined, but not fully dry. This usually takes anywhere from 2 minutes to 3 minutes. Do not let the product dry fully before removing it. After seeing a slight drying or hazing (as described above) then wipe down the surface gently with a soft new edgeless microfiber towel until surface appears oily and then follow by GENTLY buffing the area with a soft new edgeless microfiber towel to a brilliant shine. As your first towel gets oversaturated you can use the second buffing towel in its place and use a new dry edgeless microfiber towel as your buffing towel for the second wiping step. You should use anywhere from four to six towels per vehicle total.



**And there you are! A perfectly glossy and protected vehicle with Quantum Ceramic Coating!**

Care after initial application:

1. Let the vehicle sit for one hour before touching it or moving it. You will see it actually get shinier during this hour! If you are in foul weather or inclement weather waiting longer to expose it to the elements is better.
2. Keep the vehicle clean and dry for 24 hours.
3. Do not wash the vehicle for 5 days.
4. After five days wash the vehicle as you normally would either by hand or at a highquality car wash. Using cheaper car washes or gas station washes is especially hard on painted surfaces because of the harsh chemicals they use and the poor cleanliness or lack of maintenance on the brushes thereby scratching the surface.