

**Invisible  
Glass®**

Professional Grade

**Ceramic  
Glass Coating**

**APPLICATION GUIDE**

# Invisible Glass®

## Professional Grade Ceramic Glass Coating

**Congratulations! You're about to take your auto glass to a new level. Invisible Glass® Ceramic is the first professional grade ceramic you can apply without the expertise and cost of professional application.**

**Invisible Glass Ceramic is perfect for first-timers, weekend washers, or seasoned detailing fanatics because it remains workable for longer, reducing the likelihood of misapplication. Just follow the simple steps in this application guide to get professional grade results. Everything you need for application is included.**

### **INVISIBLE GLASS CERAMIC INCLUDES:**

- 1 - 30 mL bottle of Invisible Glass Ceramic
- 1 - Applicator pad
- 1 - Black microfiber buffing cloth (wet buffing)
- 1 - Gray microfiber buffing cloth (dry buffing)
- 1 - Pair of large nitrile gloves
- 1 - Application guide



## EXPECT THE BEST FROM INVISIBLE GLASS CERAMIC

Unlike consumer-grade and hybrid ceramics—the typical offerings found on retail shelves—we've developed a product that is not only a true professional ceramic, but also easier to work with. It is this combination of real ceramic technology with a higher level of workability that makes Invisible Glass Ceramic so unique.

Invisible Glass Ceramic is an extremely tough, heat-resistant coating that cross-links to form a covalent bond with your glass that lasts for over a year.

Invisible Glass Ceramic contains polysilazane, an organic ceramic, and uses SiO<sub>2</sub> technology, also known as liquid glass, to fill the microscopic pores in your glass. It acts like a clearcoat for your glass that improves visibility and clarity.

Upon application, it reacts with the moisture in the air, forming a super-tough coating (a 9H diamond hardness factor) doubling the hardness of your glass. This strong, durable coating is highly resistant to acid rain, cleaning chemicals and micro-scratching from scrubbing or wiper blades.

We've added a unique carrying agent designed to flow evenly over your glass, providing excellent workability, so you have more time to apply it, and apply it right.

Other true ceramics can be tricky because they cure quickly, requiring a professional application. Invisible Glass Ceramic is specially formulated so that you can do it yourself and still get professional results.



## GLASS PREPARATION

You want to ensure that your glass is as close to perfect as possible before applying the ceramic coating. This will further enhance the longevity of the coating and the aesthetic of your vehicle.

### 1. CLEAN THE GLASS

Invisible Glass Ceramic works on a nano-molecular level, bonding to the glass to provide a long lasting, hydrophobic coating. To ensure Invisible Glass Ceramic works as efficiently as possible, it is important to remove all contaminants from the glass.

Start by thoroughly cleaning all windows, mirrors, and lights with Invisible Glass Residue-Free Glass Cleaner and microfiber cloths.



Invisible Glass is available from StonerCarCare.com



Watch how to clean glass

### 2. STRIP THE GLASS

For a thorough cleanse we recommend using Glass Stripper, from Invisible Glass, to remove the remnants of any old coatings or trace contaminants that may cling to the glass after cleaning. You can apply Invisible Glass Ceramic without stripping the glass, but it will not last as long.



Glass Stripper is available from StonerCarCare.com

When your glass is completely stripped, water will sheet completely and evenly. After stripping the glass, make sure it is completely dry. Your glass is fully stripped when your hand sticks to the glass rather than gliding across it or when a microfiber cloth won't slide off the windshield.

Watch how to strip glass



We recommend lint free microfiber cloths available from StonerCarCare.com

Note: Always tear the tag from microfiber cloths before using.

## APPLICATION

Now you're ready to apply Invisible Glass Ceramic.

### 1. CONTROL YOUR ENVIRONMENT

Do not apply Invisible Glass Ceramic to a hot windshield or in direct sunlight. The best place to apply Invisible Glass Ceramic Coating is inside a controlled environment such as a garage where your vehicle will be protected from precipitation, moisture, and heat.

A heated garage is ideal for winter application. Invisible Glass Ceramic should be applied above 40°F. Temperature and humidity can affect the speed at which the product cures. Good lighting is also important to monitor the curing process.

### 2. TREAT ONE SMALL AREA AT A TIME

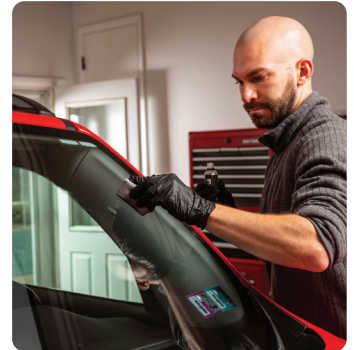
Invisible Glass Ceramic Coating is a true, organic ceramic, specially engineered to give you a larger window of opportunity for proper application. Although easy to apply, it is important to get comfortable with the product before application.

We recommend starting with a side window to gain confidence before attempting to treat the windshield or rear window. When you treat the windshield, apply to 2 ft x 2 ft areas at a time.

### 3. APPLY BY CROSS HATCHING

Remove the cap and apply approximately 2 mL to the applicator pad (included) by turning the bottle upside down directly on the applicator about 3 times. The applicator pad should be damp, but not soaking wet. Over-soaking can result in uneven application, which will result in a smeared appearance.

Wipe-on the ceramic coating in vertical lines across your chosen test area and then immediately wipe the same area using horizontal lines. This will ensure an even coverage.



**Note: This product is activated by air. Keep the bottle tightly closed after dispensing to avoid immediate hardening.**

Watch how to apply Invisible Glass Ceramic (cross hatching)



## 4. 2-CLOTH BUFFING PROCESS

**A.** Within one to five minutes after application it is time to start buffing your test area. Invisible Glass Ceramic may look wet and smeary when first applied, but as it cures, it flattens out and gives the appearance of a rainbow effect, which looks like oil on water. The rainbow effect is your indicator that it is time to start buffing.



Rainbow effect

With the black microfiber cloth (included), wipe in straight lines to remove 95% of the excess product. This will be your wet buffing cloth.



Wet buff in straight lines with the black cloth

**B.** The gray microfiber cloth (included), will be your dry buffing cloth. Use it to remove the remaining 5% of excess product by buffing in a circular motion until the glass is perfectly smooth. It is important not to mix up your wet and dry cloths because this 2-cloth buffing process ensures an even coverage across the glass. Dry buff until you no longer see the rainbow.



Dry buff in circular motions with the gray cloth

Watch how to apply Invisible Glass Ceramic (2-cloth buffing process)



## 5. COAT REMAINING GLASS

After successfully coating your test area, move on to complete the remaining glass. We recommend coating no more than 3 square feet at a time using no more than 3 mL (0.1 oz) of Invisible Glass Ceramic for the area. A little bit goes a long way.

**Do not wash your vehicle for 2 to 4 hours after coating to facilitate curing.**



## 6. CORRECTION PROCESS

If the coating sits unbuffed for 10 minutes or more, it will completely dry and look streaky and uneven.

If you notice any streaking or rainbow effects within 2 to 4 hours after application, simply reapply Invisible Glass Ceramic to the affected area and repeat the 2-cloth buffing process (Step 4). If you experience smears, rainbows, or an uneven appearance after 4 hours, you can strip it off with Glass Stripper and start over.

Watch how to correct uneven application of Invisible Glass Ceramic



## AFTERCARE & MAINTENANCE

To boost the longevity of Invisible Glass Ceramic, we recommend an occasional application of Invisible Glass Clean & Repel™ aerosol or trigger pump spray. Clean & Repel lifts dirt and contaminants while enhancing the hydrophobic properties.



Use a topper such as Invisible Glass Clean & Repel to keep water beading

## LAYERING UP

With any unused product, you can coat another vehicle or add additional layers. An additional layer increases the hardness and durability of your coating. After two coats, additional layers will not yield much more protective benefit. Another reason to add layers is that once you open the bottle it is best used within 14 days. Invisible Glass Ceramic is activated by air and starts hardening immediately after opening the bottle.

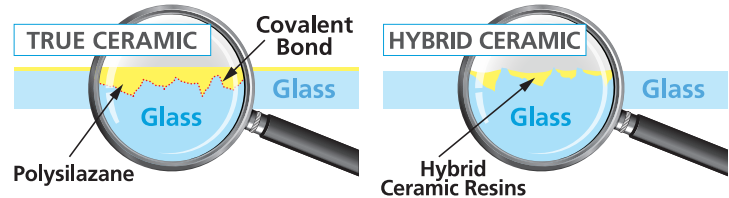
If you choose to add layers, wait 2 to 4 hours before adding another coat. After each layer, keep the coating from getting wet for 2 to 4 hours to give it time to fully cure. We recommend a maximum of 3 layers before removing it with Glass Stripper and then reapplying Invisible Glass Ceramic.

Watch how to maintain Invisible Glass Ceramic



## HOW-TO TIPS & FREQUENTLY ASKED QUESTIONS

- Q: Are the microfibers and the applicator washable and reusable?**  
**A:** No. Do not re-use the microfibers or the applicator. The product dries hard so they cannot be washed or re-used. Throw them away!
- Q: Can I use Invisible Glass Ceramic on my headlights?**  
**A:** Yes. Invisible Glass Ceramic will protect headlights so that they do not get permanently fogged. Restoring fogged headlights can cost about \$100 per headlight on average, which can be avoided by applying Invisible Glass Ceramic.
- Q: What's the difference between a hybrid and a true ceramic coating?**  
**A:** The definition of ceramic has become muddled by a flood of products posing as ceramics. True ceramics contain polysilazane, which chemically cross links, like Velcro, to form a covalent bond to your glass that lasts for more than a year. Hybrid ceramics contain waxes, silicones, or silicone resins, which do not cross link, so they only last a few months.



Any so-called "ceramic" product sold in a plastic spray bottle is not a true ceramic. A true ceramic reacts with air and starts to cure immediately; therefore it will crystallize on the dip tube and the trigger spray mechanism, which clogs the nozzle. A true ceramic is sold in either a glass or aluminum container. Invisible Glass Ceramic must be kept sealed when not in use. Keep the lid on tight when not using it to keep it from hardening.

## HOW-TO TIPS & FREQUENTLY ASKED QUESTIONS (Cont'd)

### **Q: Do I need UV or IR lights to cure Invisible Glass Ceramic?**

**A:** No. Many detailers use UV or IR lights in their videos for a wow effect. These lights have nothing to do with the curing or the product performance. They are just for show. A light show, so to speak!

### **Q: Will Invisible Glass Ceramic prevent chips, dings, and cracks?**

**A:** Invisible Glass Ceramic is formulated to increase glass hardness by two points on the hardness scale and will prevent light scratching and even the start of cracks on your windshield. However, it will not prevent stones from chipping your glass.

### **Q: Will Invisible Glass Ceramic fill in pre-existing chips, dings, or cracks?**

**A:** This product is not a substitute for consumer windshield repair kits. Invisible Glass Ceramic interacts with glass at the nano level, filling microscopic pores to make fine micro-scratches less noticeable. Visible chips and dings appear at a level magnitudes higher. If you can SEE a chip, ding, or crack, Invisible Glass Ceramic will not repair it or make it disappear.

### **Q: How long does Invisible Glass Ceramic last?**

**A:** One application will last over a year, but it can last longer depending on climate. You will see the difference right away. The one degradation you may see is that your windshield wipers have the same effect as "weathering" because of their abrasive action; therefore, the windshield coating will not last as long as the side windows.

### **Q: Can I layer Invisible Glass Ceramic and how many layers can I lay down?**

**A:** Yes, you can layer Invisible Glass Ceramic. Wait 2 to 4 hours before laying on a second coat. After two coats, additional layers will not yield much more benefits. Keep the vehicle from getting wet for 2 to 4 hours to facilitate curing.

### **Q: What if I get distracted or make a mistake?**

**A:** If the coating sits unbuffered for 10 minutes or more, it will completely dry and look streaky and uneven. If you notice any streaking or rainbow effects, simply reapply Invisible Glass Ceramic to the affected area and immediately repeat the 2-cloth buffing process. If you still experience smears, rainbows, or an uneven appearance after you have finished, you can strip it off with Glass Stripper and start over, if necessary.

Watch how to correct uneven application of Invisible Glass Ceramic



### **Q: How does Invisible Glass Ceramic look and feel when it is applied?**

**A:** It looks wet and smeary when first applied, but as it dries it flattens and evens out, which gives the appearance of a rainbow effect. Let it sit for 60 seconds, ideally, and look for the rainbow effect, which is your indication that it's time to buff it off.

Buff it until you no longer see the rainbow. The wet buffing cloth removes 95% of the excess residue and the dry buffing cloth removes the remaining 5%, essentially buffing it out totally even.

Use a little bit at a time. It may take up to an hour, but it saves you thousands of dollars. And you can do it yourself. It is easy to apply, and it is actually fun to use. Seeing the instant results makes it a labor of love. Saving the time and money of professional application makes it even sweeter.

Watch how to apply Invisible Glass Ceramic (2-cloth buffing)



Invisible  
Glass<sup>™</sup>

Professional Grade

Ceramic  
Glass Coating

**Stoner**  
**Car Care**<sup>®</sup>  
Since 1942

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