



**AQUASHIELD** LIQUID CRYSTAL GLASS COATING

## How to apply AquaShield's Liquid Crystal Glass coating

### Notes before applying:

- Do not apply under the scorching sun.
- Do not apply under the rain.
- Do not apply under the sub-zero.
- Apply after the body has cooled completely.
- Apply by hand
- Apply after removing any dirt attached to the car body.
- Apply when the car body has dried.
- Apply according to this manual carefully AND WATCH THE APPLICATION VIDEO.

***PLEASE WATCH THIS VIDEO PRIOR TO COATING YOUR VEHICLE:***

<https://www.youtube.com/watch?v=bz3zyzNEgwM>

### Pre-Treatment for the car body:

**Car wash:** Clean all the parts completely, like wheels, tires, and glass.

### Polishing and Degreasing:

- Rinse to remove the dirt that is attached to the car.
- Polish using a compound if any of the body is scratched.
- Degrease all parts of where the AquaShield Liquid Crystal Glass coating will be applied to.
- Wipe with a microfiber towel and rinse thoroughly with water before the degreasing agent dries.
- Let the whole car body dry completely before using the AquaShield Liquid Glass coating.

## **AquaShield Liquid Crystal Glass coating application:**

1. Place 7-10 drops of glass coating on the AquaShield sponge (this should cover on average half a car door).
2. Apply to the car body 1 square part by 1 square part at a time. Apply the coating evenly by starting in a lengthwise direction and then breadthwise. Do this only once or until you see that the portion you are covering has coating applied to it.
3. After applying, wait for following time periods: When the room temperature is:
  - a. 10 degrees C,; wait 3-5 minutes,
  - b. 20 degrees C, wait 1-3 minutes,
  - c. 20+ degrees C, wait max 1 minutes

then use a DRY microfiber towel to polish it into a high gloss. The best time to wipe the surface is when you feel a little resistance.

4. Do not wait too long time after application to wipe and dry as indication in Step 4, otherwise, when the AquaShield Liquid Crystal Glass coating is hardened fully, it is very hard to remove.

#### **Key points:**

1. The room light should be strong enough, to make sure each part is wiped by towel timely.
2. For big parts like the engine hood, you should divide the area into several small squares to apply the coating.
3. When you finish the whole car body, check that all the parts have been dried using the dry towel, if not, use the dry cloth and then buff it.
4. Wipe the coating immediately if it adheres to the glass.
5. You should not use the same surface of towel to wipe all the time; you need to change the towel surface to wipe other parts often.

#### **Important points:**

You should only use 5-7-drops per section of car of the AquaShield Liquid Crystal Glass coating that you are working on. As for the consumption of the AquaShield Liquid Crystal Glass coating, use 5-7-drops per section of car that you are working on. You may apply a second coating by leaving 24 hrs between applications. The coating thickness, water repellency, and gloss will be increased by a second application.

#### **Parts that may be coated:**

1. Urethane parts
2. Alloy Wheels
3. Front Light
4. Tail lens
5. Plated parts

#### **Parts that cannot be coated:**

- Windscreen and Glass

#### **Notes of glass coating after application:**

**1. Car washing:** We suggest hand washing car. Use AquaShield Wash-n-Wax , AquaShield Ultimate or a shampoo that does not contain abrasives. Completely wipe all water droplets remaining on the body.

**2. Wax:** No need to wax your car or use a sealant any more. The AquaShield Liquid Crystal Glass coating performance may be impaired if you wax the car.

#### **3. Other**

1. If the sand or mud is attached to the body, wash using high pressure washer or hose.
2. If bird droppings or tree sap is attached, remove as soon as possible.
3. Do not let the tap water on the body dry-itself because the chlorine contained in tap water, will potentially leave water marks on the car body.
4. The coated surface will harden fully in 3 days.
5. Do not let water touch the coating until 24 hours after application.
6. Wait one week to wash the car after application and apply the AquaShield Ultimate to the body which will make the car body ultra slippery.