

CAR PAINT PROTECT FILM LAYER COAT-AQUARTZ PPF

The world's finest automotive Nano Metallic Titanium Coating!

Why do you need AQuartz PPF Coating? AQuartz PPF can function as a car paint protecting film. !

All the surface painted has many micro-pores (pin-holes). When a newly the surface painted cures, the micro-pores are created from the air trapped in the paint. And as time goes on, airborne chemical compounds, ferrous particles and dirt actually penetrate the paint, and gets stuck in these pin-holes within the paint surface. They create corrosive compounds that eat deep into the paint's sub-layers or paint's pin-holes.

In order to keep the original car paint color in perfect condition for long time, we need a Car Paint Protection Film. But normal Car Paint Protection Films have so many weaknesses and foibles, tricky installation and further re- installation, expensive installation charges, weak hardness, non slippery surface, etc.. To deal with these all subjects, AQuartz PPF Base was developed to get a easy & quick application.

It can be made of a Car Paint Protection Film shaped easily, just spraying on it. AQuartz PPF Base coating protects our car from fine scratches and swirls, as well as sheltering the finish from countless environmental hazards (Including strong Acids, Alkalis, and UV-Radiation,) as like a substitute for a normal Car Paint Protection Film. It will also provides Richer, Glossier your car and, because it has a self-healing effect, can resurface the surface easily!!

Preparation Check List

- + Please do the polishing, degreasing, finishing to remove scratches, dusts, old wax on the car body surface to achieve mirror finish.
 - + Wash vehicle with car shampoo, and remove tar spots with AQuartz Super Cut from paintwork.
 - + If the paintwork feels uneven you may need to use AQuartz Iron Cut and clay to remove surface contaminants.
 - + If required, compound and polish to remove light scratches and swirls with a silicone free polish, and then use AQuartz+ Xcelerator to polish finish work if you want a deep & rich gloss.
 - + Use 2:10 Super Cut with water to remove any signs of oil, silicone or wax from the surface of the painted finish of the car.
 - + Use a soft microfiber swirl free cloth to buff the painted surface to remove dust and smudges.
 - + After paintwork or car wash, please rinse off all the residue of cleaners thoroughly.
 - + For best results, take your time preparing the paintwork like a new car paint before applying.
- Never apply in direct sunlight or when the surface of the car is hot, surface must be at completely cool temperature(5-28 °C).

- AQuartz PPF Base Coating Application & Care -

Titanium PPF Base can be applied to car paint to protect against fine scratches and swirls, as well as sheltering the finish from countless environmental hazards (Including strong Acids, Alkalis, and UV-Radiation, covering the weak car-paint from the damages, add more hardness, duration and self-cleaning and the original color of new car.

Approximately one complete full-sized automobile per 20ml-30ml, prepare a wet microfiber cloth wringed and a clean dry microfiber cloth.

As PPF Base is a wet-coat, it can be applied on a wet surface after car wash without drying, so you can save applying-time.

1. Make sure you wash the surface, rinse off all the residue of cleaners thoroughly, and make a clean finish with AQuartz PreLoad before coating.
 2. Sake well contents, spray small amount(2-3 ml) of Titanium PPF onto the wet wringed microfiber cloth.
 3. Wipe & polish contents onto surface in circular motions, until surface texture is smooth and dry. Work on small sections at a time. The wet towel sprayed PPF should be used for applying first, then the dry one to polish finish the surface.
- If you find it very hard to rub, check how even is the coating and also check the temperature of the surface.
4. Wipe all patches, streaks and water marks off from the surface with the towel be sprayed it turning both sides alternately.
 5. Keep on buffing to achieve high surface gloss and smooth surface as if you mop it. Check the worked surface very carefully.
- If you find any water marks or incorrect application of AQuartz V3, wipe it off with the damp towel sprayed V3.

The frictional heat and static electricity by force of more buffing can make the strong bonding, high hardness, high gloss is achieved and the Nano Titanium particles to infiltrate into the pores of the paint or glass.

5. Continue around the vehicle in this fashion until fully coated with expanding the work area.
6. **Finishing Touch** – Wipe all surface completely with a dry microfiber cloth.
7. Repeat steps 2-4 to apply second coat. PPF improves with each subsequent coat, so we recommend applying a minimum of 2-3.
8. Once finished, Let dry it up, completely cure with NO rain takes 24h at 25°C.
For faster curing or in below 20°C, or in a rainy, snowy, cloudy, high humidity weather, use a heat equipment if required. (sun lights, normal hair drier, heat gun, IR heater lights, etc.). Heat Temp. : 50-70°C !!
9. For additional coatings, apply then after 30-60mins curing period 25°C.

** For the complete protection and the best results, you should coat AQuartz PPF base coating before AQuartz Top Coating.

** AQuartz PPF can function as a car paint protect film.

- Rotary Machine Application Guide for AQuartz Base PPF -

1. Spray small amount (8-10 ml) of AQuartz on wet AQuartz Microfiber Buffing Bonnet, and immediately start to polish with at 600-1500RPM speed.
2. For next Steps, refer to above Hand-Coating mentioned.

Important:

- ★ The product must not be applied on surfaces contaminated with silicone, oil, polymer Teflon and wax.
- ★ We're strongly recommend to coat AQuartz 2-3 layers, these will give more thickness, durability and hardness.
- ★ Need to wait for 1hour between layers, without a heat gun, leave to cure for more than 3hs under sunshine at 25°C.
- ★ To apply the second (another) Top coating, the first layer must be cured.
- ★ After finishing coating, you need to take plenty of time to dry the layer off completely using the sun, the hot air, a heat gun, a hair drier, etc.
- ★ If you do not know how long take AQuartz curing / drying time, it is the same time as it takes dry down the laundry times.

Disposal:

- ★ Regard your rules and regulations.
- ★ We do not undertake responsibility or guarantee for a treatment which was not applied as per our recommendations.
- ★ The user of these products is supposed to test the treatment in an area not prominent, prior to applying the products.
- ★ Since the treatment process is outside our influence, any liability of the manufactures cannot be derived.

Storage:

AQuartz PPF can be stored 24 months it is closed and protected from frost, heat and direct sunlight.

