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GYEON QUARTZ CERTIFIED DETAILER COATINGS MANUAL

You are about to apply one of the worlds most advanced ceramic coatings. With this user manual we are willing to share with you the best practice on surface preparation, application and maintenance.

SURFACE PREPARATION:

Proper surface preparation is crucial for the bonding and durability of the installed coating. Always mind these simple rules:

- the surface should be decontaminated and free of any residue;
- old waxes, glazes or coatings should be stripped before proceeding;
- scratches, swirls marks, holograms should be removed by machine polishing;
- if you are working with a factory new car which does not require any paint correction, proceed with one pass of the **Q² PRIMER** to remove possible rests of transport conservation;
- paintwork needs to be fully degreased. Wash the car with a highly degreasing liquid and use **Q²M PREP** before coating. This step is obligatory!

APPLICATION TIPS:

Never apply a coating outside a garage or detailing studio. Never work in direct sunlight/outside. Ensure the area you work in well ventilated.

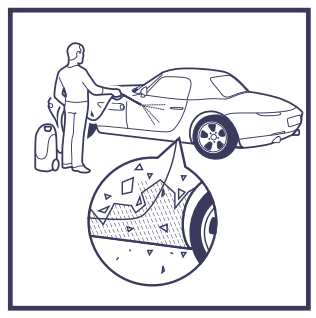
There are two major factors influencing the work with coatings - temperature and humidity.
The higher the temperature and/or humidity, the quicker the coatings flashes and cures. The initial bonding time of Gyeon ceramic coatings with the surface is only a few seconds. Don't wait, wipe off immediately. Work in small sections, split panels in maximum 50x50cm areas.

Use correct lighting. Apply the coating using reflected light. Point your lamp at the wall or ceiling - this will help you spot possible smudges. React quickly, remove them immediately.

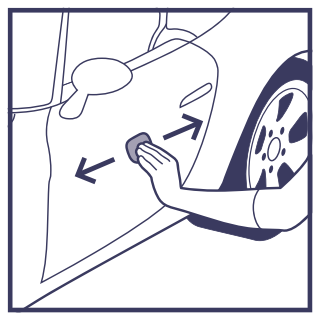
Use an appropriate amount of quality microfibre towels for wipe off. 2 microfibres for each layer are a minimum. Swap sides of the MF during work. A final wipe with the **Q²M SUEDE** towel is highly advised.

Use your IR-lamp to cure each panel at around 50'C for 15-20 minutes. Use the IR lamp after the last layer of the top coat has been applied. Ensure the car stays in stable conditions without the risk of rainfall or rapid humidity changes. Always respect individual product application instructions.

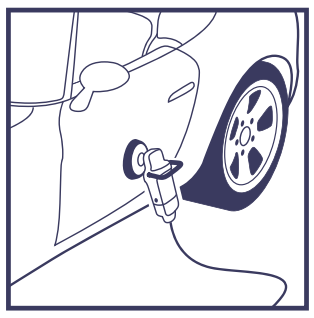
Q² MOHS+



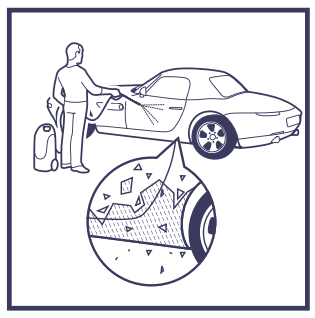
Pre-wash the car with **Q²M FOAM**. Wash the car with a strong degreasing agent.



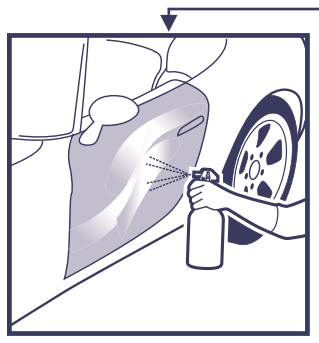
Decontamination with the use of **Q²M TAR, Q²M IRON & Q²M CLAY** is recommended.



If the car is scratched, make sure paint correction is performed first. Remember to remove all factory sealing from new cars.

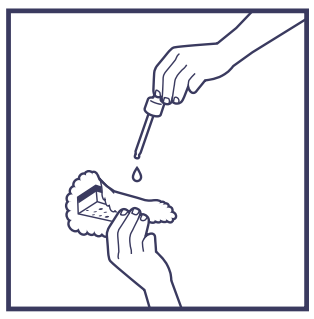


Always wash the car with a highly degreasing agent. Hot water and the use of a dishwashing liquid are recommended.



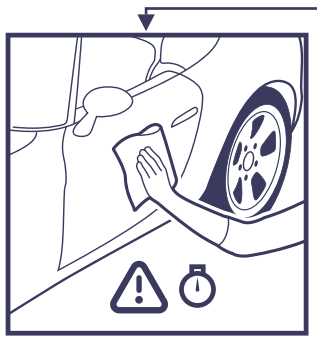
Ensure the surface is oil free and completely dry. Use **Q²M PREP** before applying the coating (isopropyl alcohol does not fully degrease the surface).

Shake the **Q² BASE** bottle before use.

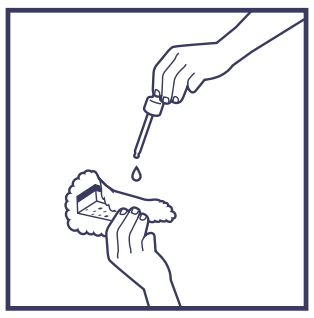


Apply a thick layer of **Q² BASE** in a criss-cross motion. Pay attention to the leveling of the coating.
If needed, do a second criss cross application to achieve a perfectly even layer.

Split larger panels (roof, bonnet, SUV doors) into sections, apply carefully.



Wipe off immediately (10 – 30 seconds) after applying on the whole panel/section. Wipe off carefully, do not leave any streaks or smudges. Please note that the drying time may vary depending on a country's climate (ask your supplier for advice).



Apply a thick layer of **Q² PHOBIC** top coat after a minimum of 4hours.

Split larger panels (roof, bonnet, SUV doors) into sections, apply carefully.

Wipe off after **Q² PHOBIC** starts drying. It should still remain easy to remove. Wipe off carefully, do not leave streaks or smudges.

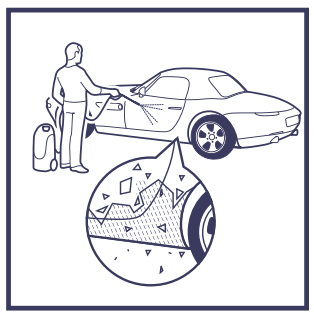
Use the **Q²M CURE** maintenance spray periodically for keeping gloss and water repellency at the highest level.

In hot, rainy climates, we recommend finishing the bonnet, roof and boot lid with an HD natural wax after at least 12-24 hours to protect the coating against potential water spots while curing completely for 2-3 weeks.

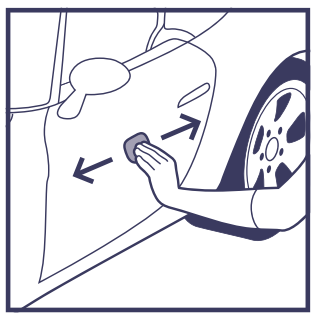
The coating is fully dry after 24 hours. Only after that time can the car be driven.

The drying process can be accelerated if the coating is heated with infrared lamps, 10 minutes per panel.
Do not wash the car with any detergents within the first 14 days.

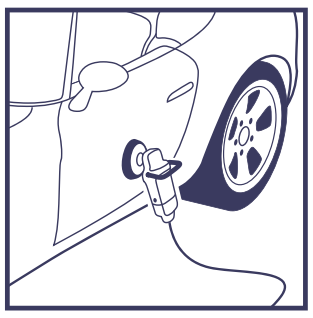
Q² DURAFLEX



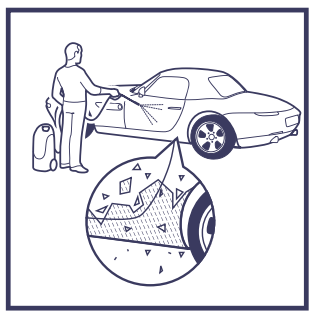
Pre-wash the car with **Q²M FOAM**. Wash the car with a strong degreasing agent.



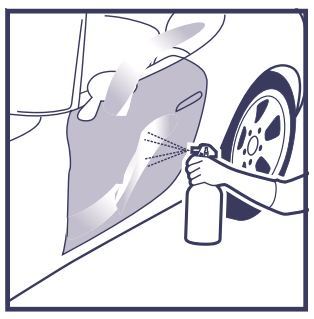
Decontamination with the use of **Q²M TAR, Q²M IRON & Q²M CLAY** is recommended.



If the car is scratched, make sure paint correction is performed first by a professional detailing shop. Remember to remove all factory sealing from new cars.

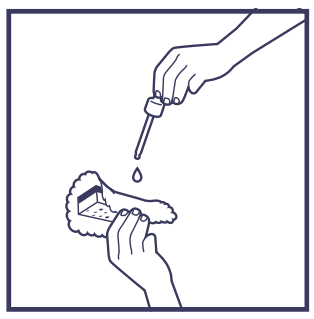


Always wash the car with a highly degreasing agent. Hot water and the use of a dishwashing liquid are recommended.



Ensure the surface is oil free and completely dry. Use **Q²M PREP** before applying the coating (isopropyl alcohol does not fully degrease the surface).

Shake the **Q² BASE** bottle before use.



Apply a thick layer of **Q² BASE** in a criss cross motion. Pay attention to the leveling of the coating.
If needed, do a second criss-cross application to achieve a perfectly even layer.

Split larger panels (roof, bonnet, SUV doors) into sections, apply carefully.

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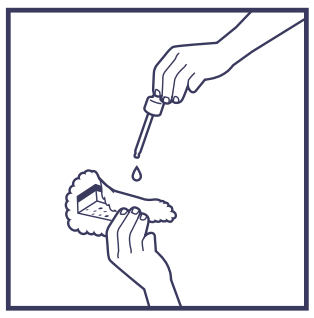
VERTE!

FACTS AND MAINTENANCE:

A dry coating is not a cured coating. Once the car is leaving your studio after a coating install, the coating is dry, which refers to 90% of fully cured. The full curing process might take up to 3 weeks, where the first week is crucial. This time is necessary for all solvents to evaporate and the coating to build its full structural integrity, hardness and resistance. This results in the following rules:

- Leave the car in the studio for at least 12 hours after the last layer of the coating.
- Never allow your customer to leave with a fresh coating.
- Use IR-lamp on each coated car to speed the process of curing up.
- Educate your customers. Ask them not to wash the car for the first 14 days.
- Advise correct maintenance. Propose the right tools and chemicals.

Wipe off immediately (10 – 30seconds) after applying on the whole panel/section. Wipe off carefully, do not leave any streaks or smudges. Please note that the drying time may vary depending on a country's climate (ask your supplier for advice).



Apply the **Q^2 FLEXI** topcoat straight after or a maximum of 1h after the **Q^2 BASE** application over the entire vehicle.

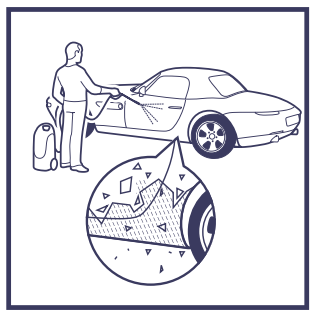
Apply **Q^2 FLEXI** in a criss-cross motion, ensuring full coverage of the coated panel.

Wipe off **Q^2 FLEXI** shortly after application to a panel has been completed. **Q^2 FLEXI** is thick and requires a precise wipe off.

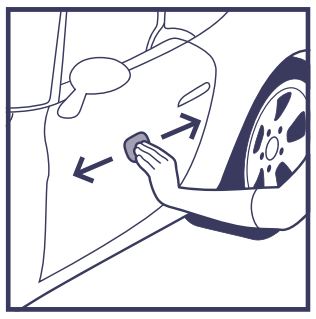
Use the **Q^{2}M CURE** maintenance spray periodically for keeping gloss and water repellency on highest level.

The coating is fully dry after 24 hours. Only after that time can the car be driven. The drying process can be accelerated if the coating is heated with infrared lamps, 10 minutes per panel. Do not wash the car with any detergents within the first 14 days.

Q^2 FLASH



Pre-wash the car with **Q^{2}M FOAM**. Wash the car with a strong degreasing agent.



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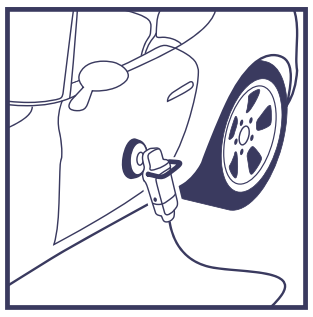

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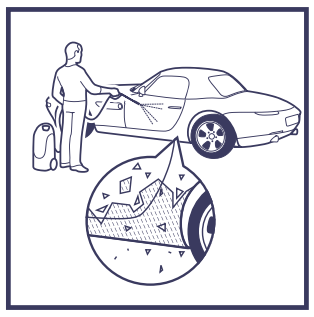

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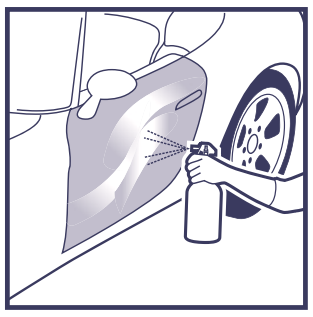
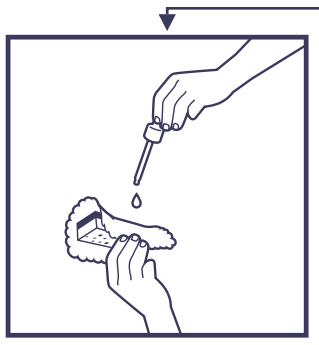


Ensure the surface is oil free and completely dry. Use **Q^{2}M PREP** before applying the coating (isopropyl alcohol does not fully degrease the surface).

Shake the **Q^2 FLASH** bottle before use.



Apply a thick layer of **Q^2 FLASH** in a criss cross motion. Pay attention to the leveling of the coating.
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