



PRODUCT FEATURES & BENEFITS

CERAMIC GLASS PLUS



PetraShield Glass Plus uses the newest technology compared with common Glass Coating. PetraShield™ surface science is the future.

Specially formulated materials protect bonding linkages of coating, resulting stronger and longer lasting ceramic coating. It forms genuine ceramic polymeric films of 1 – 2 microns in thickness.

It protects the car paint from UV rays, bird lime, salt, nitric acid and other environmental pollutants.

In addition to utilizing incredibly durable ceramic polymer chemistry, advanced nanoparticle technology compliments every car care solution. Exemplary of this powerful combination is our optimal paint enhancement and protection systems which produce films of modified silica nanoparticles, resulting in increased adhesion due to increase in surface area at the molecular level as well as fortified durability. Moreover, silica nanoparticles provide the same refractive light index of glass, rendering a spectacular deep shine over a durable ceramic base, bonded to the surface material. This is a solution for the modern car owner who has desire for more than beautification, without making the sacrifice of a beautiful deep shine.

The ceramic like surface imparted PetraShield™ products will be superior to that of a glass like coating. Cheap glass coating will require reapplication without removing what is deteriorated. Using too much glass,





too thick and too many coats over time, inevitable shrinkage of clearcoat paint surface will cause the coat to crack. (Photo attached.) PetraShield Glass Plus uses sophisticated protected organic flexible links to make the coating more flexible.

It is time to say goodbye to frequent, time-consuming and expensive car wax treatments, even “glass coatings”, effective as they are to temporarily the problem. Instead, say hello to the future with car protection systems that are powered by science which changes the game. After a PetraShield treatment, the modern car will require no waxing for aesthetic or protective purposes for up to nine (9) years, depending on product used.

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ph tolerance: pH 1.5-13.5 contact angle: >104°

consumption: 30ml/car (midsize passenger vehicle)

Accelerated weathering techniques were applied to coated samples of vehicle finishes according to American Society for Testing and Materials, Standard D 5894, the most reliable indicator of an environmental coatings future performance. (To our knowledge no other competitor product has undergone such rigorous testing).

These severe techniques were employed to evaluate the environmental durability of PetraShield™ enhancement and protection systems, including PetraShield GLASS PLUS and its PreCoat polymeric cleaner, with regard to corrosion, extreme temperature fluctuation, humidity, and other atmospheric conditions, like acid rain. Upon completion, no signs of deterioration typical of coating failures, like blistering, rusting, or yellowing were evident.

SUMMARY:

- Protects paint from acid rain and other environmental conditions and keeps the car look beautiful.
- Superior technology than commonly known as Glass Coating.
- Forms genuine ceramic polymeric films.
- Stronger bonding ability to the paint surface for durability.
- Special molecules to bond internal chemistry for longer lasting film by providing protection for the linkage of component.
- Lasts not only 5 years as most competitors but 8 - 9 years (depending on the thickness of coating and environmental conditions).
- Flexible coating to prevent cracking while keeping deep shine of the body paint.
- Nanoparticles and other chemical ladders allow the coating to be more evenly and smoothly applied.