

# APPLICATION PROCEDURE

## NANO SHIELD AND PPF NANO COATING

**ONYX**  
COATING  
Every Day Like Brand New



### PROPERTIES

1. 9H hardness Requires a single, thin coating
2. Semi-permanent coating will not be affected by washing
3. Fast & easy application
4. Easy-to-clean
5. High gloss finish
6. Prevents color fading
7. Protects painted bodywork, chrome, and exhaust
8. Easily sheds dirt, rain, and snow
9. Outstanding scratch resistance
10. UV resistant
11. Oxidation and corrosion resistant
12. Advanced chemical and solvent resistance
13. Cured coating may be re-coated, waxed or sealed over
14. Withstands Extreme Temperatures
15. Low VOC
16. Low surface energy

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### PAINT PREPARATION

1. Restore paint before application. Onyx Coating is not a paint restorer; any claying, polishing, and restoration work should be carried out before application.
2. Best results are achieved with Body Shop Safe compounds containing no wax or fillers that will have to be removed before Onyx Coating application.
3. Wash and dry paintwork.
4. Remove wax and sealants from the paint surface. Use Onyx Coating Paint Prep using similar solvent-based paint prep product by applying enough to dampen a cloth and rub over the paintwork.
5. Test an inconspicuous area to confirm compatibility, pay special attention to airbrushed or custom paintwork.
6. For PPF Nano Coating make sure that PPF film is clean, no oxidization and compatible to PPF Nano Coating

Depending on wax/sealant/tar deposits additional towel(s) may be needed. Do not leave Paint Prep dampened rags on paintwork.

### APPLICATION

You may apply the product on a small section of a side window to gauge how quickly the product will dry at a given temperature. This way, you can apply the product to smaller sections to compensate for faster drying.

1. Wipe on Onyx Surface Protection coating, covering an entire panel or panel section evenly with a thin coat. Any "touch-ups" of missed spots should be done after the initial product has been buffed (step 2). If additional coats are desired, wait until the initial coating is fully hardened (1-4 Hours).
2. Approximately 1-5 minutes after application (depending on temperature and humidity) to the panel or section gently buff to a gloss with a dry microfiber towel. Do not allow the product to dry completely.
3. In high (100° F +, 38° C +) temperatures drying time may need to be reduced to less than 1 minute ensure that coating not dried completely.
4. If you notice any missed spots after buffing, you can re-treat the spot with Onyx Coating Resin and re-buff the area with a microfiber towel.
5. Always test an inconspicuous area to confirm compatibility, pay special attention to airbrushed or custom paintwork.
6. Be sure to check all areas after application to make sure no spots need re-buffing.
7. Ready for light / dry driving after 8 hrs. Product cures within 4 hours. Coating will exhibit additional hardening over the next 7-14 days.

### NANO SHIELD AND PPF NANO COATING NOTES AND PRE-CAUTIONS

DO NOT APPLY IN DIRECT SUNLIGHT - apply to a completely dry, cool surface.

1. Misapplication can often be corrected by splitting the panel into smaller sections and reapplying the product as directed.
2. For faster application, a microfiber sponge may be used as an applicator.
3. Application is easiest when the product is applied at temperatures between 50-90°F (10-32°C).
4. At higher temperatures, larger panels may be broken into two or more sections to compensate for faster evaporation of product.

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5. Overlapping application sections is OK when splitting a panel into sections.
6. Use entire contents of bottle on one vehicle; the product should not be stored after opening.
7. Pressure may build slowly in the container. Open the container slowly.
8. Product is hydrolytically sensitive (reacts with moisture). Prevent the uncured product from coming into contact with water.
9. Proper personal protective equipment should be used. A respirator is recommended for applications in closed and/or poorly ventilated areas. Solvent resistant gloves are recommended.
10. Store product in a cool, dry place. Do not mix with other liquids.

### **PAINT PREP PRE-CLEAN NOTES**

1. Pressure may build slowly in the container. Open the container slowly.
2. Proper personal protective equipment should be used. A respirator is recommended for applications in closed and poorly ventilated areas. Solvent resistant gloves are recommended.
3. Do not leave soaked rags on painted surface. Do not leave on product on painted surface longer than 30 seconds.
4. Do not allow Paint Prep to dry before wiping from the surface.

### **NOTES APPLICABLE TO ALL ONYX COATING PRODUCTS**

**IMPORTANT: KEEP AWAY FROM CHILDREN**

1. Do not ingest. If taken internally seek medical advice.
2. Avoid contact with skin and eyes. May cause lung irritation.
3. Keep the uncured product away from open flame and sources of ignition.
4. Refer to MSDS for additional information.
5. This application guide is not designed to serve as or be substituted for an MSDS on this product.
6. When properly applied Onyx Coatings becomes permanently bonded and can only be removed by polishing (compounding) or wet sanding.
7. Your use of Onyx Coating is an acknowledgement that you understand Onyx Coating Products forms a permanent bond with painted surfaces. User accepts full responsibility for any application issues.
8. This product is intended for professional use. Application instructions need to be adhered to in order to achieve optimal results.



Visit our online Product Application Guide at <<[<https://www.youtube.com/channel/UCsFs1wo-\\_xl0gDlp4OXn3QQ>>](https://www.youtube.com/channel/UCsFs1wo-_xl0gDlp4OXn3QQ)>> to view a video demonstration of the application process.