

# **FUSION PLUS**<sup>TM</sup>

CERAMIC COATING

## **DEALER GUIDE**



# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### Table of Contents:

#### Quick Reference Guide

General	3
---------	---

#### Frequently Asked Questions

General	4
PREMIUM	9
PAINT & PPF	11
SATIN	12
LITE	13
GLASS	14
PLASTIC & TRIM	15
WHEEL & CALIPER	16
UPHOLSTERY	17
MARINE	18
AIRCRAFT	19

#### Application Techniques

PREMIUM	20
PAINT & PPF	21
SATIN	22
LITE	23
GLASS	24
WHEEL & CALIPER	25
UPHOLSTERY	26
PLASTIC & TRIM	27
MARINE	28
AIRCRAFT	29

#### Technical Data Sheets

FUSION PLUS Ceramic Coating Technical Data Sheets	30
---	----

#### Safety Data Sheets

FUSION PLUS Ceramic Coating Safety Data Sheets	30
--	----

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### Quick Reference Guide

#### Q: What are the skus, descriptions, sizes, thickness and warranty lengths?

R1450	PREMIUM	50ml	.9 mil	8 years
R1451	LITE	50ml	.2 mil	1 year
R1452	SATIN	50ml	.2 mil	4 years
R1364	PAINT & PPF	50ml	.3 mil	4 years
R1037	GLASS	50ml	.04 mil	2 years
R1372	UPHOLSTERY	16oz	.04 mil	2 years
R1373	PLASTIC & TRIM	50ml	.04 mil	1 year
R1374	WHEEL & CALIPER	50ml	.7 mil	3 years
R1370	MARINE	50ml	.7 mil	3 years
R1370-L	MARINE	275ml	.7 mil	3 years
R1453	AIRCRAFT	275ml	.9 mil	2 years

\*Final thickness may vary depending on application technique

#### Q: What is the approximate flash time, dry time and full cure time?

R1450	PREMIUM	45-60 Seconds	6 Hours	72 Hours
R1451	LITE	45-60 Seconds	4 Hours	72 Hours
R1452	SATIN	30-60 Seconds	4 Hours	72 Hours
R1364	PAINT & PPF	10-45 Seconds	6 Hours	72 Hours
R1037	GLASS	10-30 Seconds	24 Hours	72 Hours
R1372	UPHOLSTERY	N/A	1 Hour	24 Hours
R1373	PLASTIC & TRIM	10-45 Seconds	24 Hours	72 Hours
R1374	WHEEL & CALIPER	10-45 Seconds	24 Hours	72 Hours
R1370	MARINE	10-25 Seconds	24 Hours	96 Hours
R1370-L	MARINE	10-25 Seconds	24 Hours	96 Hours
R1453	AIRCRAFT	45-60 Seconds	6 Hours	72 Hours

\*Durations are subjective to temperature and humidity conditions in shop

#### Q: What is the shelf life?

PREMIUM, LITE, SATIN, PAINT & PPF, GLASS, AIRCRAFT and WHEEL&CALIPER

1 Year Unopened and stored properly | 14 Days once opened, re-capped and stored properly

UPHOLSTERY, PLASTIC & TRIM and MARINE

1 Year Unopened and stored properly | 30 Days once opened, re-capped and stored properly

\*Store dry at 72F (22C) at 50% Relative Humidity

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### **Q: Who manufactures FUSION PLUS Ceramic Coatings?**

A: FUSION PLUS Ceramic Coatings are produced by XPEL, with a specialized formula designed to work effectively on both XPEL paint protection film and paint surfaces.

### **Q: What are the key components of FUSION PLUS Ceramic Coatings?**

A: FUSION PLUS Ceramic Coatings incorporate Silicon Dioxide technology and a unique chemical matrix, combining multiple technologies that cross-link to form a robust 9H coating.

### **Q: How does FUSION PLUS compare to other ceramic coatings in the market?**

A: Independent testing facilities have conducted scientific blind tests, with FUSION PLUS surpassing all benchmarks concerning gloss, contact angle (hydrophobic properties), and weathering compared to competitor offerings.

### **Q: What motivated XPEL to enter the ceramic coating market?**

A: XPEL recognized customer demand for a high-quality ceramic coating, and with our expertise in vehicle protection products such as Window Tint and Paint Protection Film, we knew that a ceramic coating would complement our existing product lineup, completing the trifecta of car protection.

### **Q: What sets XPEL's ceramic coating apart from others in the market?**

A: XPEL developed FUSION PLUS with paint protection film in mind, creating a suite of complementary products to cater to various surfaces and applications.

### **Q: What advantages does XPEL ceramic coating offer compared to competitors**

A: FUSION PLUS boasts several advantages, including:

- Single layer application, eliminating the need for base-coat/top-coat application
- Long-lasting initial slickness on hard surfaces
- Factory feel preservation on fabric surfaces while providing protection
- Industry-leading hydrophobic properties
- Backed by the trusted company that introduced the world's first Self-Healing Paint Protection Film

### **Q: What are the key benefits of a ceramic coating?**

A: Ceramic coatings offer ease of maintenance, hydrophobic properties, and self-cleaning capabilities.

### **Q: How long will my FUSION PLUS Ceramic Coatings last?**

A: FUSION PLUS Ceramic Coatings come with a comprehensive XPEL warranty. For full details, visit [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

### **Q: Do installers need respiratory protection when applying the coating?**

A: A respirator is recommended, particularly if the coating is being applied in an unventilated area.

### **Q: Where can I find the full warranty details?**

A: Warranty details are available on our website, [www.xpel.com](http://www.xpel.com)

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

**Q: How does the installation of FUSION PLUS compare to other coatings?**

A: Most coatings follow similar installation guidelines, with variations in flash time and wipe duration depending on temperature and humidity. For those new to ceramic coatings, contact your sales rep for information on our FUSION PLUS Training Class.

**Q: What is the average flash time for FUSION PLUS?**

A: Flash time varies depending on the FUSION PLUS Coating being used and shop conditions. Please consult the Technical Data Sheets for full details at [www.xpel.com](http://www.xpel.com).

**Q: Is FUSION PLUS scratch-resistant?**

A: Yes, FUSION PLUS is a 9H ceramic coating that offers scratch resistance.

**Q: How long does it take for FUSION PLUS to cure initially?**

A: Cure time depends on the specific FUSION PLUS Coating being used and shop conditions. For full details, visit the technical data available at [www.xpel.com](http://www.xpel.com).

**Q: How long should I wait before the coated surface gets wet?**

A: Dry and wet times vary depending on the FUSION PLUS Coating being used and shop conditions. Consult the Technical Data Sheets for full details at [www.xpel.com](http://www.xpel.com).

**Q: What is the cost of a bottle of FUSION PLUS Ceramic Coating?**

A: Contact your sales representative for pricing information.

**Q: What surfaces are appropriate to install FUSION PLUS on?**

A: The appropriate surface depends on the specific FUSION PLUS product you are using:

- PREMIUM - Designed for automotive paint and XPEL PPF
- PAINT & PPF - Designed for automotive paint and XPEL PPF
- SATIN - Designed for satin automotive paint and XPEL STEALTH PPF
- LITE - Designed for automotive paint and XPEL PPF
- GLASS - Designed for automotive glass surfaces
- PLASTIC & TRIM - Designed for automotive plastic and trim surfaces
- WHEEL & CALIPER - Designed for automotive wheel and calipers
- UPHOLSTERY - Designed for automotive upholstery (please review precautions)
- MARINE - Designed for the marine watercraft industry above the water line
- AIRCRAFT - Designed for the aircraft industry

**Q: Is FUSION PLUS more expensive than other ceramic coatings?**

A: Our tested and proven ceramic coating is competitively priced in the market. Please consult your sales representative for pricing details.

**Q: Will XPEL provide leads like other ceramic coating companies?**

A: Once your shop has completed XPEL FUSION PLUS Training and received approval for listing, you will be included on our industry-leading XPEL Dealer Locator. Contact your sales representative for more information.

# FUSION PLUS™

## CERAMIC COATING

**Q: How do I register for training?**

A: To register for training, please contact your sales representative.

**Q: When should I choose XPEL PPF vs. ceramic coating?**

A: It's essential to understand that paint protection film (PPF) and ceramic coatings serve different purposes. PPF offers a robust urethane layer that protects against rock chips and scratches, while ceramic coatings provide a thin, micron-level layer that guards against environmental contaminants like bird droppings and bug residue. Ceramic coatings also enhance shine, gloss, color depth, and offer hydrophobic and self-cleaning properties. Choose PPF for comprehensive protection against rock chips and scratches, and opt for ceramic coatings for basic protection with aesthetic benefits.

**Q: How large is the FUSION PLUS bottle?**

A: The bottle size depends on the specific FUSION PLUS product:

- PREMIUM - 50mL
- PAINT & PPF - 50mL
- SATIN - 50mL
- LITE - 50mL
- GLASS - 50mL
- PLASTIC & TRIM - 50mL
- WHEEL & CALIPER - 50mL
- UPHOLSTERY - 16 oz
- MARINE - 50mL & 275mL
- AIRCRAFT - 275mL

**Q: Can any car wash product be used on FUSION PLUS?**

A: We recommend using an approved car wash solution, like XPEL Rinse Free Car Wash, for vehicles protected with FUSION PLUS. This product is designed to encapsulate dirt and help maintain the surface protection. XPEL Rinse Free Car Wash and XPEL Ceramic Boost spray work great with FUSION PLUS, providing additional slickness and hydrophobicity after washing.

**Q: What happens if the ceramic coating is scratched?**

A: The ceramic coating is scratch resistant, so it depends on other variables. Ceramic Coated XPEL PPF will still self-heal minor scratches.

**Q: Can the coating be sprayed onto the surface?**

A: Yes, spraying is possible, but you will still need to level and wipe off excess coating.

**Q: Can FUSION PLUS replace basecoat/topcoat coating systems?**

A: FUSION PLUS can serve as a replacement for topcoat/basecoat systems, which typically consist of an Si basecoat (hard) and a fluorinated topcoat (for hydrophobic properties).

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

**Q: Is it challenging to maintain an even coating thickness when applying ceramic coatings, and how can high spots be prevented?**

A: Our coating minimizes this issue as long as the area is buffed using a clean microfiber cloth.

**Q: What is the recommended application area size?**

A: We suggest applying the coating to one panel at a time or a 2'x2' section, adjusting based on current conditions and flash time.

**Q: Is testing data available for customers?**

A: Technical Data Sheets (TDS) can be found on our website.

**Q: What should be done if there's an unaddressed high-spot after the curing time?**

A: If a high or low spot remains after the coating has cured, remove and reapply the coating. Start with the least aggressive methods (light polish) and progress to more aggressive methods (heavy compound) as needed.

**Q: What does 9H mean?**

A: The 9H hardness rating comes from the Pencil Hardness Test, used to determine a coating's scratch resistance. The test uses pencils to scratch the surface and rates resistance based on the pencil's hardness and materials of similar hardness.

**Q: Can certification be obtained through a training video?**

A: No, hands on application and classroom instruction are imperative to installing ceramic coatings and being certified by XPEL.

**Q: Is the customer's warranty card signed off by us?**

A: Customers register their warranties online through our website.

**Q: Can XPEL send reminders to customers for their annual check-in?**

A: Currently, customers are responsible for scheduling their annual inspections. We are working on implementing this feature with our online warranty registration system.

**Q: Are discounts available for purchasing multiple bottles?**

A: Please consult your sales representative for information on current promotions.

**Q: What steps should be followed for annual maintenance? (e.g., washing, iron oxide remover, washing again, etc.)**

A: Refer to the warranty document for the most up-to-date information on annual maintenance requirements.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

**Q: How can we determine if the coating needs repair?**

A: Visually inspect for differences between sections, such as low spots, oxidation, acid rain damage, or bug impacts. These issues may indicate a need for repair if not properly addressed.

**Q: What should be applied to FUSION PLUS during inspection?**

A: For suggestions or requirements regarding the application during inspection, please refer to the warranty details.

**Q: Is there any special care required for FUSION PLUS coatings?**

A: Complete care information can be found at [www.xpel.com](http://www.xpel.com).

**Q: Do FUSION PLUS Coatings have self-healing properties?**

A: No, we currently do not offer a self-healing coating. However, our paint protection films do feature self-healing capabilities.

**Q: What is the 3-towel method for removing excess product, and what types of towels should I use?**

A: The 3-towel method involves using three towels with specific GSM ratings: Towel 1 (300-400 GSM low pile) to level the coating, Towel 2 (300-400 GSM low pile) to buff off excess product, and Towel 3 (350-500 GSM high pile) to remove any remaining residue.

**Q: How do I know if I need to perform paint correction before applying the ceramic coating?**

A: Perform paint correction before applying the ceramic coating if there are any visible defects, such as swirl marks or scratches, to ensure a smooth and even surface for the coating.

**Q: What is the proper cleaning and decontamination process before applying the ceramic coating to my vehicle or aircraft?**

A: Before applying a ceramic coating to a vehicle or aircraft, it is essential to prepare the surface properly. This process involves washing the surface with a wax-free soap, using a clay bar to remove surface contamination, polishing to correct imperfections, and wiping the surface to remove any remaining residues. A clean, residue-free surface is essential to ensure optimum bonding and long-lasting results of ceramic coatings.

**Q: How do I know if I need to perform paint correction before applying the ceramic coating?**

A: Perform paint correction before applying the ceramic coating if there are any visible defects, such as swirl marks or scratches, to ensure a smooth and even surface for the coating.



# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PREMIUM CERAMIC COATING

**Q: How does FUSION PLUS PREMIUM enhance the appearance of my vehicle?**

A: FUSION PLUS PREMIUM maintains a super slick, glossy finish, giving your vehicle a stunning and sophisticated look.

**Q: Can FUSION PLUS PREMIUM be used on all types of vehicle surfaces?**

A: FUSION PLUS PREMIUM is suitable for various substrates, including paint and XPEL paint protection films.

**Q: How does FUSION PLUS PREMIUM protect against scratches and swirl marks?**

A: The durable and resilient shell of FUSION PLUS PREMIUM offers superior protection against minor scratches and swirl marks.

**Q: Is professional installation required for FUSION PLUS PREMIUM?**

A: Professional installation is required to ensure proper application and achieve the best results.

**Q: How do I care for my vehicle after applying FUSION PLUS PREMIUM?**

A: Maintain your vehicle with regular hand washing with appropriate chemicals and annual FUSION PLUS LITE applications to ensure lasting protection and performance.

**Q: What is the purpose of the 3-towel method for removing excess product?**

A: The 3-towel method ensures an even and smooth application, removing any high or low spots and leaving a super slick feel.

**Q: How often do I need to reapply the ceramic coating to maintain its effectiveness?**

A: FUSION PLUS PREMIUM requires an application of FUSION PLUS LITE during the annual inspection to maintain its warranty, please refer to the warranty details at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: What are the hydrophobic properties of these coatings?**

A: The hydrophobic properties of the coatings allow water to bead and roll off the surface, making it easy to clean and maintain.

**Q: How do these coatings protect against oxidation, loss of gloss, and UV damage?**

A: The advanced formula of the coatings provides a durable barrier that shields the surface from environmental contaminants and harmful UV rays, maintaining the original appearance and gloss.

**Q: How do I maintain my vehicle after applying the ceramic coating?**

A: Regular washing and proper care, including avoiding harsh chemicals and excessive rubbing, will ensure lasting protection and performance.

**Q: Does FUSION PLUS PREMIUM require any maintenance?**

A: Yes, an annual application of FUSION PLUS LITE is required to maintain the warranty.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PAINT & PPF CERAMIC COATING

**Q: How long should I wait before washing my vehicle after applying FUSION PLUS?**

A: For FUSION PLUS PAINT & PPF, a 3-day cure time is recommended before washing the vehicle. However, the time may vary depending on conditions.

**Q: How many vehicles can be covered with one bottle of FUSION PLUS PAINT & PPF?**

A: One bottle of FUSION PLUS is designed to cover the exterior of a single vehicle.

**Q: What evidence supports FUSION PLUS PAINT & PPF's 4-Year Warranty claim?**

A: XPEL FUSION PLUS has undergone rigorous testing over the past 4 years, including accelerated testing for longevity and weathering tests, to provide a realistic expectation of the ceramic coating's lifespan.

**Q: How does FUSION PLUS compare to other coatings?**

A: FUSION PLUS performs exceptionally well compared to top competitors in the industry, earning high ratings for contact angle, durability, and gloss. Specific results from third-party blind testing cannot be disclosed due to confidentiality agreements.

**Q: Is training required for applying FUSION PLUS on top of Paint Protection Film?**

A: Yes, certification is required to install XPEL FUSION PLUS. Please contact your sales rep for more information.

**Q: When would someone choose both XPEL PPF and ceramic coating?**

A: Combining PPF and ceramic coating is popular among car enthusiasts seeking optimal protection and maintenance. PPF protects the vehicle from rock chips and road debris, while the ceramic coating offers hydrophobic properties, self-cleaning, and enhanced gloss and depth appearance.

**Q: How does a ceramic coating affect the paint surface?**

A: The coating bonds with the paint on a molecular level, creating a new functional layer that cannot be washed off like a wax or sealant.

**Q: Will FUSION PLUS installation affect impact absorption properties due to the hard coating?**

A: No, our coating is flexible and will not alter impact protection.

**Q: Can FUSION PLUS PAINT & PPF be applied to freshly installed PPF with moisture still present underneath?**

A: We do not recommend applying the ceramic coating to freshly installed PPF with moisture still present. Allow the PPF to cure before applying the coating.

**Q: Can FUSION PLUS PAINT & PPF be applied to STEALTH? Will it make the surface glossy?**

A: FUSION PLUS can be applied to STEALTH film. It will not make the surface glossy but will enhance the depth of the matte finish. Ensure a uniform application to avoid an uneven finish on the matte surface.

**Q: If the ceramic coating is damaged by a rock, debris, or impact, how can the damage be repaired?**

A: FUSION PLUS itself will not crack. If damage occurs, you can buff the area with a compound and reapply the product to the affected spot.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PAINT & PPF CERAMIC COATING

**Q: Is there a different installation method for FUSION PLUS on STEALTH?**

A: STEALTH (satin-finish XPEL PPF) tends to absorb more coating, so you may need to work in smaller sections or apply additional product to the applicator. Ensure a uniform application to maintain a visually pleasing appearance.

**Q: Why does FUSION PLUS PAINT & PPF become glossier over time, unlike other coatings?**

A: As FUSION PLUS cures (approximately 3 days), it hardens and becomes glossier, making it a great selling point.

**Q: If an authorized PPF claim arises and the vehicle has FUSION PLUS applied, will XPEL cover the cost of reapplying FUSION PLUS?**

A: Please contact your sales representative and keep all application records and receipts for further assistance.

**Q: Can FUSION PLUS PAINT & PPF be cured using IR lamps?**

A: The FUSION PLUS curing process can be accelerated with IR lamps. Temperatures and distances may vary depending on weather conditions.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### SATIN CERAMIC COATING

**Q: Can FUSION PLUS SATIN be used on glossy paint surfaces?**

A: FUSION PLUS SATIN is specifically designed for satin paint and XPEL STEALTH paint protection film, so it is not recommended for glossy surfaces.

**Q: How does FUSION PLUS SATIN maintain the satin appearance of my vehicle?**

A: FUSION PLUS SATIN provides a long-lasting barrier against environmental elements, ensuring that your vehicle's satin finish stays protected and looks its finest.

**Q: Can FUSION PLUS SATIN be applied by a DIY enthusiast?**

A: No, professional installation is required for the best results.

**Q: How do I care for my vehicle after applying FUSION PLUS SATIN?**

A: Maintain your vehicle with regular washing and proper care to ensure lasting protection and performance.

**Q: What environmental hazards does FUSION PLUS SATIN protect against?**

A: FUSION PLUS SATIN offers reliable protection against oxidation, loss of gloss, UV damage, and color fading.

**Q: Can I use this coating on matte surfaces?**

A: FUSION PLUS SATIN is specifically designed for satin paint and XPEL STEALTH paint protection film.

**Q: Will the ceramic coatings protect against scratches and chips?**

A: While these coatings provide a durable barrier that helps protect against minor scratches and contaminants, they may not provide complete protection against deep scratches or chips.

**Q: Are there any risks associated with applying these coatings incorrectly?**

A: Incorrect application may result in uneven coverage, streaks, or poor adhesion. It is recommended to follow the application instructions and use a professional installer for best results.

**Q: Can I wax or apply sealants over the ceramic coatings?**

A: Applying wax or sealants over the ceramic coatings is not recommended, as it may diminish the coating's performance and longevity.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### LITE CERAMIC COATING

**Q: Can FUSION PLUS LITE be used as a standalone product or in conjunction with other FUSION PLUS coatings?**

A: FUSION PLUS LITE can be used as a standalone product, but it is also an essential maintenance component for FUSION PLUS PREMIUM, required for annual applications.

**Q: How easy is it to apply FUSION PLUS LITE?**

A: FUSION PLUS LITE is easy to apply, making it suitable for professional applications.

**Q: What surfaces can FUSION PLUS LITE be applied to?**

A: FUSION PLUS PREMIUM is suitable for various substrates, including paint and XPEL paint protection films.

**Q: Does FUSION PLUS LITE provide any hydrophobic properties?**

A: Yes, FUSION PLUS LITE offers unparalleled hydrophobic properties, making it effortless to maintain and keep your vehicle looking its finest.

**Q: How does FUSION PLUS LITE protect against UV damage?**

A: FUSION PLUS LITE's advanced formula provides a protective barrier against harmful UV rays, helping prevent paint and film damage.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### GLASS CERAMIC COATING

**Q: Does FUSION PLUS GLASS protect against stone chips in the glass?**

A: FUSION PLUS GLASS is not a windshield protection film and does not prevent stone chips. Its primary function is to make the glass surface more hydrophobic.

**Q: What is the warranty for FUSION PLUS GLASS, and what does it cover?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: How long does FUSION PLUS GLASS maintain its effectiveness in rain?**

A: For information on the longevity of FUSION PLUS GLASS, please refer to the warranty details at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Will FUSION PLUS GLASS cause any hazing?**

A: No, FUSION PLUS GLASS, once installed and cured, is invisible on the glass and offers excellent hydrophobic properties.

**Q: Is maintenance required for FUSION PLUS GLASS?**

A: Yes, basic maintenance is necessary for FUSION PLUS GLASS, as with all FUSION PLUS ceramic coatings. For complete care instructions, visit [www.xpel.com](http://www.xpel.com).

**Q: Are there any cleaning chemicals that should not be used on FUSION PLUS GLASS?**

A: We recommend using XPEL Anti-Static Window Cleaner for best results.

**Q: What types of protection does FUSION PLUS GLASS offer for my glass?**

A: For full details on warranty coverage and protection, please visit [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PLASTIC & TRIM CERAMIC COATING

**Q: Does FUSION PLUS PLASTIC & TRIM help prevent fading?**

A: Yes, FUSION PLUS PLASTIC & TRIM helps protect against fading caused by UV rays while also enhancing and rejuvenating the appearance of plastic and trim surfaces.

**Q: What is the warranty for FUSION PLUS PLASTIC & TRIM, and what does it cover?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: How long does FUSION PLUS PLASTIC & TRIM last?**

A: For information on the longevity of FUSION PLUS PLASTIC & TRIM, please refer to the warranty details at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: How is FUSION PLUS PLASTIC & TRIM applied?**

A: The application process for FUSION PLUS PLASTIC & TRIM is similar to that of FUSION PLUS PAINT & PPF Ceramic Coating.

**Q: If FUSION PLUS PLASTIC & TRIM is left on the surface too long without leveling, will it create a permanent stain?**

A: Yes, it's essential to level and wipe off the product promptly. If an uneven spot occurs, you can apply more product and wipe it off immediately to help prevent unevenness on the panel.

**Q: On which surfaces can PLASTIC & TRIM be applied?**

A: FUSION PLUS PLASTIC & TRIM can be applied to factory trims and plastics.

**Q: Is it possible to apply too much FUSION PLUS PLASTIC & TRIM?**

A: When installing FUSION PLUS PLASTIC & TRIM, be sure to level and buff off the product.

**Q: Are there any cleaning chemicals that should not be used on FUSION PLUS PLASTIC & TRIM?**

A: We recommend using XPEL Rinse Free Car Wash for best results.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### WHEEL & CALIPER CERAMIC COATING

**Q: Does FUSION PLUS WHEEL & CALIPER work on braking systems that generate higher heat than regular vehicles?**

A: Yes, FUSION PLUS WHEEL & CALIPER is specifically designed for wheels and calipers that experience higher heat levels and more wear and tear compared to typical painted surfaces. The coating is thicker and engineered to withstand increased heat.

**Q: What is the warranty for FUSION PLUS WHEEL & CALIPER, and what does it cover?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: How should I apply WHEEL & CALIPER to rims with multiple spokes?**

A: The application process for WHEEL & CALIPER is similar to other FUSION PLUS products. However, the installation technique may need to be adjusted to accommodate tighter spaces.

**Q: Will applying WHEEL & CALIPER to the rotor cause braking issues?**

A: Yes, do not apply WHEEL & CALIPER to the rotor.

**Q: What is the warranty for FUSION PLUS WHEEL & CALIPER, and what does it cover?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Which cleaning chemicals can be used on FUSION PLUS WHEEL & CALIPER surfaces?**

A: We recommend using XPEL Rinse Free Car Wash. If the surface is extremely dirty, you can sparingly use XPEL Iron Remover.

**Q: Can WHEEL & CALIPER be applied to motorcycle wheels?**

A: Yes, just ensure that the ceramic coating is not applied to the rotor or braking system.



# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### UPHOLSTERY CERAMIC COATING

**Q: Will XPEL FUSION PLUS UPHOLSTERY cause discoloration on white interiors?**

A: No, our product does not cause discoloration on factory white leather interiors. It allows the material to breathe, maintaining its natural feel and preserving its original appearance.

**Q: What is the warranty duration and how long will the coating last?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Does FUSION PLUS UPHOLSTERY prevent stains?**

A: FUSION PLUS UPHOLSTERY helps protect interior surfaces from stains and spills.

**Q: Does FUSION PLUS UPHOLSTERY protect leather and cloth from fading or drying out?**

A: While FUSION PLUS UPHOLSTERY helps repel liquids that come into contact with the coating, it is not a UV protectant.

**Q: What is the warranty for FUSION PLUS UPHOLSTERY, and what does it cover?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: How long will FUSION PLUS UPHOLSTERY last?**

A: Complete warranty information can be found at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: How is FUSION PLUS UPHOLSTERY applied?**

A: For fabric and carpet surfaces, spray in an X pattern, ensuring 100% coverage. Use a microfiber cloth to remove any excess product. For leather and vinyl surfaces, spray onto a microfiber towel and wipe the surface until fully covered. Avoid applying to Alcantara and suede surfaces. Always test on an inconspicuous area to determine compatibility.

**Q: If I leave FUSION PLUS UPHOLSTERY on the surface too long without leveling, will it create a permanent stain?**

A: FUSION PLUS UPHOLSTERY is applied directly to fabric and carpet, and to leather and vinyl surfaces using a microfiber cloth. There is no leveling required.

**Q: Which surfaces are recommended for XPEL FUSION PLUS UPHOLSTERY?**

A: FUSION PLUS UPHOLSTERY is suitable for fabric, carpet, leather, and vinyl surfaces. Do not use on Alcantara and suede surfaces. Always test on an inconspicuous area to determine compatibility.

**Q: What cleaning chemicals can be used on interiors coated with UPHOLSTERY?**

A: We recommend using XPEL Interior Cleaner on hard surfaces.

**Q: Will UPHOLSTERY make my upholstery waterproof?**

A: XPEL FUSION PLUS UPHOLSTERY helps protect interior surfaces (fabric, carpet, leather, and vinyl) from spills and stains, but it is not a waterproof coating.

**Q: Can UPHOLSTERY be used on carpets?**

A: Yes, UPHOLSTERY can be applied to carpets. Ensure all interior surfaces are thoroughly cleaned before applying UPHOLSTERY. Avoid using on Alcantara and suede surfaces. Always test on an inconspicuous area to determine compatibility.

**Q: Is UPHOLSTERY suitable for boat seats and carpets?**

A: UPHOLSTERY is designed and warrantied for automotive interiors only.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### MARINE CERAMIC COATING

**Q: Does the warranty for FUSION PLUS MARINE differ for boats that are regularly left in the water versus those pulled out frequently?**

A: No, for full warranty details, please visit [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Is the warranty coverage for FUSION PLUS MARINE the same for both saltwater and freshwater watercraft?**

A: Yes, for full warranty details, please visit [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Will FUSION PLUS MARINE prevent gelcoat fading?**

A: FUSION PLUS MARINE helps protect against damage related to UV ray aging and color fading.

**Q: Can FUSION PLUS MARINE be used on painted aluminum boats?**

A: Yes, FUSION PLUS MARINE is suitable for paint and gelcoat surfaces in the watercraft industry.

**Q: What is the warranty for FUSION PLUS MARINE, and what does it cover?**

A: Full warranty details are available at [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Will FUSION PLUS MARINE make the deck surface more slippery?**

A: As FUSION PLUS Marine is a hydrophobic coating, it could make walking surfaces slick if applied to them.

**Q: Can I apply MARINE to parts that will be submerged underwater?**

A: For full warranty details on coverage areas, please visit [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: Can I apply MARINE to the propeller?**

A: Yes, MARINE can be applied to your watercraft's propeller. For full warranty details, please visit [www.xpel.com/warranty-information](http://www.xpel.com/warranty-information).

**Q: What cleaning chemicals can be used on MARINE-coated watercraft?**

A: We recommend using XPEL Aftercare Products for cleaning MARINE-coated surfaces.

**Q: Is MARINE suitable for use on boat trailers?**

A: Yes, MARINE can be applied to boat trailers to provide protection during watercraft launching.

**Q: What is the average coverage area for MARINE?**

A: The average coverage area can vary depending on the application technique. However, with MARINE, approximately 35 sq feet can be covered per 100 ml.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### AIRCRAFT CERAMIC COATING

**Q: How does FUSION PLUS AIRCRAFT benefit the overall appearance of my aircraft?**

A: FUSION PLUS AIRCRAFT creates a super-slick, brilliant, glossy shell that maintains the aircraft's paint cleanliness and enhances its overall appearance.

**Q: Can FUSION PLUS AIRCRAFT be used on various types of aircraft surfaces?**

A: Yes, FUSION PLUS AIRCRAFT is suitable for various aircraft surfaces, including paint and XPEL paint protection films, please check warranty details at [www.xpel.com](http://www.xpel.com) for list of excluded surfaces

**Q: How does FUSION PLUS AIRCRAFT protect against scratches, swirl marks, and other contaminants?**

A: FUSION PLUS AIRCRAFT provides a durable barrier that shields your aircraft from minor scratches, swirl marks, acid rain, bird droppings, and other contaminants.

**Q: Is professional installation required for FUSION PLUS AIRCRAFT?**

A: Yes, professional installation is required to ensure proper application and achieve the best results.

**Q: How do I care for my aircraft after applying FUSION PLUS AIRCRAFT?**

A: Maintain your aircraft with regular washing and proper care to ensure lasting protection and performance.

**Q: What surfaces can FUSION PLUS AIRCRAFT be applied to?**

A: FUSION PLUS AIRCRAFT can be applied to various surfaces, including paint and XPEL paint protection films on the aircraft.

**Q: Does FUSION PLUS AIRCRAFT provide hydrophobic properties?**

A: Yes, FUSION PLUS AIRCRAFT offers excellent hydrophobic properties, making it easier to maintain and keep your aircraft looking its finest.

**Q: How does FUSION PLUS AIRCRAFT protect against UV damage?**

A: FUSION PLUS AIRCRAFT's advanced formula provides a protective barrier against harmful UV rays, preventing paint and film damage on the aircraft.

**Q: How does FUSION PLUS AIRCRAFT minimize ongoing care and maintenance costs?**

A: The super-slick properties of FUSION PLUS AIRCRAFT help contaminants slide off, reducing drag and minimizing the time and expenses related to ongoing care and maintenance.

**Q: What is the warranty period for FUSION PLUS AIRCRAFT?**

A: For full warranty details, please visit [www.xpel.com](http://www.xpel.com)

**Q: What is the average coverage area for AIRCRAFT?**

A: The average coverage area can vary depending on the application technique. However, with AIRCRAFT, approximately 150 sq feet can be covered per 100 ml.

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PREMIUM CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** PREMIUM. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



If required, paint correction must be done before installing FUSION PLUS.

If contaminated use clay bar to clean paint/surface

#### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

#### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

#### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

#### STEP 5



After Flash (appx 45-60 seconds) wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

#### STEP 6



Allow at least 6 hours before getting surface wet.

The coating will continue to cure over the next 3 days to 9H hardness

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PAINT & PPF CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** PAINT & PPF. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



If required, paint correction must be done before installing FUSION PLUS.

If contaminated use clay bar to clean paint/surface

#### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

#### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

#### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

#### STEP 5

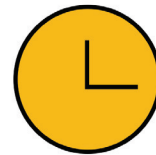


After Flash (appx 10-45 seconds), wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

#### STEP 6



Allow at least 6 hours before getting surface wet.

The coating will continue to cure over the next 3 days to 9H hardness

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### SATIN CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** SATIN. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



Satin paint &/or XPEL STEATH must be free from contaminants before installing FUSION PLUS.

If contaminated use appropriate cleaning methods for satin paint

#### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

#### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

#### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

#### STEP 5



After Flash (appx 30-60 seconds) wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

#### STEP 6



Allow at least 4 hours before getting surface wet.

The coating will continue to cure over the next 3 days to 9H hardness

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### LITE CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** LITE. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



If required, paint correction must be done before installing FUSION PLUS.

If contaminated use clay bar to clean paint/surface

#### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

#### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

#### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

#### STEP 5



After Flash (appx 45 - 60 seconds) wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

#### STEP 6



Allow at least 4 hours before getting surface wet.

The coating will continue to cure over the next 3 days to 9H hardness

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### GLASS COATING

### APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** GLASS. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



Ensure the glass is extremely clean, dry, free from debris and contaminants. Prep the surface with an evaporating cleaning solvent such as IPA, acetone or others.

#### STEP 2



Apply GLASS to the provided applicator and microsuède towel and begin application on the glass surface.

Application tip: Work in manageable sections, sometimes splitting the windshield glass into 3 or more sections. Apply in an up/down, left/right motion ensuring full coverage. Flash time will vary, most can expect 10-30 seconds

#### STEP 3



Once you have applied GLASS to the surface, as directed in Step 2, take a new, clean microfiber and buff off the surface until the vehicles glass is optically clear.

#### STEP 4



Allow the surface to fully dry before use.

Before getting wet: Minimum 24 hours  
(if applying below 72 Degrees (room temperature) - 48 hours is required)

Full Cure: 48 Hours



# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### WHEEL & CALIPER CERAMIC COATING

#### APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** WHEEL & CALIPER. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

##### STEP 1



If required, paint correction must be done before installing FUSION PLUS.

If contaminated use clay bar to clean paint/surface

##### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

##### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

##### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

##### STEP 5



After Flash (appx 10-45 seconds), wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

##### STEP 6



Allow at least 24 hours before getting surface wet.

The coating will continue to cure over the next 3 days to 9H hardness

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### UPHOLSTERY CERAMIC COATING

#### APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** UPHOLSTERY. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

##### STEP 1



Ensure all fabric, carpet, leather and vinyl are clean and dry before applying product

##### STEP 2



Test an inconspicuous area to confirm compatibility before applying to entire surface area

##### STEP 3



For Fabric and Carpet: Spray product onto carpet or fabric in an X pattern, covering the surface completely. If residue remains, use dry sponge or microfiber to massage product into the surface

For Leather and Vinyl: Spray product onto microfiber towel, then wipe the surface until no residue remains. You can also spray product in an X pattern. If residue remains, use dry sponge or microfiber to massage product into the surface

##### STEP 4



Allow the surface to fully dry before use.

Before getting wet: Minimum 24 hours  
Full Cure: 24 Hours

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### PLASTIC & TRIM CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** PLASTIC & TRIM. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



Ensure the plastic and trim surfaces are extremely clean, dry, free from debris and contaminants

#### STEP 2



Apply FUSION PLUS PLASTIC & TRIM by hand using the supplied Foam Applicator and Microsuede Towel.

#### STEP 3



After Flash (appx 10-45 seconds), wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

#### STEP 4



Allow the surface to fully dry before use.

Before getting wet: Minimum 24 hours  
Full Cure: 3 Days

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### MARINE CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** MARINE. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



If required, paint correction must be done before installing FUSION PLUS.

If contaminated use clay bar to clean paint/surface

#### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

#### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

#### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

#### STEP 5



After Flash (appx 10-25 seconds), wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

#### STEP 6



Allow the surface to fully dry before use.

Before getting wet: Minimum 24 hours

Full Cure: 3 Days

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### AIRCRAFT CERAMIC COATING

## APPLICATION INSTRUCTIONS

The below are our recommended instructions for prepping and installing XPEL **FUSION PLUS** AIRCRAFT. This product is a professionally applied product only. The below is only a basic guideline for application. Please do not attempt to install without proper training and XPEL Certification.

#### STEP 1



If required, paint correction must be done before installing FUSION PLUS.

If contaminated use clay bar to clean paint/surface

#### STEP 2



Wash and completely dry surfaces to be ceramic coated with FUSION PLUS

#### STEP 3



Complete a final wipe with 50% Isopropyl Alcohol to water mix.

Spray fine mist on the paint and then wipe clean with a clean new microfiber

#### STEP 4



Apply FUSION PLUS by hand using the supplied Foam Applicator and Microsuede Towel.

Recommended to apply in 2'x2' sections

#### STEP 5



After Flash (appx 45-60 seconds) wipe with a clean microfiber towel.

Remove any left over coating with a new clean microfiber towel.

\*If there is any leftover residue, use a microfiber with light mist of water and buff off

#### STEP 6



Allow at least 6 hours before getting surface wet.

The coating will continue to cure over the next 3 days to 9H hardness

# FUSION PLUS<sup>TM</sup>

## CERAMIC COATING

### Technical Data Sheets

[XPEL FUSION PLUS Technical Data Sheets \(link\)](#)

### Safety Data Sheets

[XPEL FUSION PLUS Safety Data Sheets \(link\)](#)



[www.xpel.com](http://www.xpel.com)