



— PRODUCT CATALOGUE —



LEADING INNOVATION IN CERAMIC COATINGS

INTRODUCTION

WHO WE ARE	06
INDUSTRIES	07
WHY PARTNER WITH US	08
JOIN THE KOVALENT CLUB	09

PRODUCTS

BOROPHENE – REVIVE	12
GRAPHENE MATRIX – GRAPHENE	13
PROLONG – PROLONG LIGHT	14
OVERLAY – MATTE	15
GLASS – RESTORE	16



PRODUCTS

FABRIC – POWERSHIELD – – – – – 17

GROW WITH US

THE KOVALENT
DIFFERENCE – – – – – 20

SPEC SHEET – – – – – 22





01



INTRODUCTION”



WHO WE ARE

Born from a passion for automotive detailing and innovation, Kovalent Coatings was founded in Western Sydney. Driven by a commitment to innovation and aware of the limitations of traditional ceramic coatings, we developed advanced formulations using cutting-edge technology and research. Today, we lead the way in surface protection, offering superior performance for automotive, marine, and aviation industries.

At Kovalent Coatings, innovation is at the heart of everything we do. Our relentless pursuit of excellence has driven us to create industry-leading ceramic coatings that withstand the most demanding environments. Each product is meticulously engineered and tested to deliver unmatched durability and protection. We pride ourselves not only on our cutting-edge

“We’re setting new standards for performance and durability”

technology but also on our dedication to customer success, offering support and guidance every step of the way. We invite you to experience the Kovalent difference and elevate your surface protection standards.

We lead the charge in ceramic nanotechnology, constantly innovating to deliver unmatched performance and surface protection. Our team is dedicated to customer excellence, going above and beyond to provide comprehensive support and expert guidance. Every product is manufactured in-house in Australia, ensuring rigorous quality control and exceptional performance standards. With a growing global presence in over 10 countries, we are delivering high-performance coatings to industries worldwide.



INDUSTRIES

01

Automotive Ceramic Coating

We offer a multi-layerable, clear, liquid nano-ceramic coating that transforms into a permanent, durable, and resilient sacrificial layer.

02

Marine Vessel Protection

Our Marine Ceramic Coating provides durable, long-lasting protection against harsh environments for your boat's gelcoat.

03

Aviation Ceramic Coating

Our ceramic coating protects aircraft from oxidation, UV damage, and wear while repelling dirt and water.

04

RV's Premium Protection

Our ceramic coating protects your RV from oxidation, UV damage, forming a smooth, hydrophobic shield

WHY PARTNER WITH US

Partnering with Kovalent Coatings means aligning your business with a leader in the premium ceramic coating industry, known for our unwavering commitment to innovation and quality. By collaborating with us, you gain access to top-tier products formulated with cutting-edge technology, ensuring that you can offer the best solutions to your customers. Our team is dedicated to providing not just exceptional coatings but also a supportive community focused on your success. Together, we'll elevate your offerings, enhance your brand's reputation, and build lasting relationships with clients through comprehensive collaboration, tailored training programs, and exclusive marketing opportunities. Embrace the opportunity to differentiate your business.

“ Creating Win-Win Collaborations

Enhanced Brand Visibility

Showcase your work on our platform to enhance your brand and attract new customers.

Active Feedback Loop

Join a collaborative environment where your feedback shapes product improvements to meet industry needs.

Continuous Learning

Access exclusive training to stay updated on the latest coating technologies and methods.

Global Expertise

Tap into our network for insights and techniques to enhance your skills and services.



JOIN THE KOVALENT CLUB

Become a member of the Kovalent Club, an exclusive community designed to empower your business and elevate your professional journey. At Kovalent, we believe your success is our success, and the Kovalent Club is a testament to our commitment to your growth. We offer networking opportunities to connect with industry leaders and fellow professionals, fostering meaningful collaborations. Gain access to advanced training programs covering the latest coating technologies, while amplifying your brand's visibility through comprehensive marketing support. Your insights will directly influence our product development, and you'll receive exclusive recognition and rewards for your achievements within our community. Enhance your membership experience a step further with our exclusive Kovalent Club Portal—a dedicated platform designed to streamline and enrich your professional detailing journey.



Simplified Ordering Process

Place orders directly through the portal with ease!



Feature Your Work

Upload your latest projects to be showcased on our social media platforms & gain recognition.



Earn Rewards and Exclusive Offers

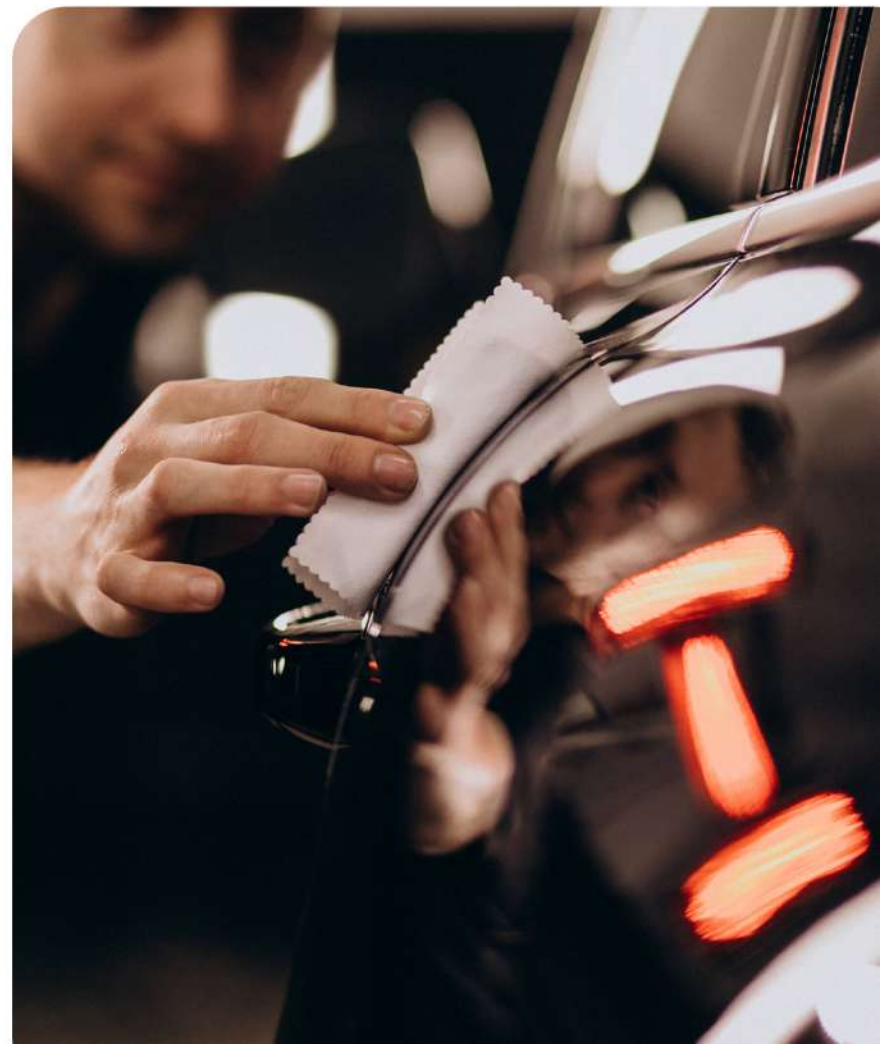
Receive rewards based on your order volumes. Enjoy exclusive offers that add value to your business.



Access Custom Marketing Materials

Request free, tailor-made marketing materials directly from the portal.

Together, we will create a dynamic environment that fosters growth, innovation, and excellence in the ceramic coating industry.





02



PRODUCTS”



**Faster Aircraft
Turnaround Times**



Ultra Hydrophobic



Oxidation Resistant



**Reduced Dependence on
Harsh Cleaning Chemicals**



3 Yrs Warranty



Ultra Slick



**Advanced UV &
Oxidation Protection**



**Long-Term
Surface Preservation**

50 ml



Ideal For:



Gelcoat



Painted Surface



Clear Coat



Aluminium

Kovalent FLYT is an advanced aviation surface protection system engineered for aircraft operating in extreme environmental conditions. Formulated using high-concentration ultra-pure silica nanoparticles, FLYT delivers durable, long-lasting protection for the demanding requirements of the aviation industry. The formulation enhances surface resilience, maintains a clean, high-quality finish, and simplifies long-term maintenance while providing strong hydrophobic performance. FLYT is engineered to protect against UV exposure, oxidation, airborne contaminants, and engine run-off—helping preserve surface integrity and reduce maintenance effort. Designed for private jets, helicopters, and commercial aircraft, FLYT delivers consistent performance across diverse operating environments. Backed by a 3-year warranty for dependable long-term protection.

FLYT





BOROPHENE

Step into the next era of surface protection with Borophene Coating—an industry-first innovation powered by Boron Nitride for 9H+ hardness, extreme heat resistance and up to 10-micron thick single layer ultra-dense coating. Engineered with 5nm extremely fine Silica nanoparticles, it delivers a deep gloss and an ultra-hydrophobic effect superior to conventional ceramic and graphene coatings. It forms an extremely durable shield against oxidation, UV rays, chemicals and environmental contaminants. Stronger, glossier and longer-lasting, this single-layer, 9-year coating is built for detailers who demand cutting-edge performance—because anything less is just ordinary.

Ideal For:

- ✓ Automotive Painted Surface
- ✓ Clear Coat
- ✓ Alloy Wheels

- 9H+ Hardness
- Deep Gloss
- Ultra Hydrophobic
- Chemical Resistant
- 9 Yrs Warranty
- UV Resistant
- Oxidation Resistant
- Ultra slickness

50 ml



REVIVE

Revive, our premier ceramic coating, redefines marine protection with its cutting-edge formulation and exceptional durability. Prioritizing boat owners' challenges, it operates at a nano level with exceptional adhesion, offering lasting protection against environmental elements and reducing maintenance hassles by rendering wax obsolete. Its secret lies in 20nm – 50nm silica nanoparticles, forming an ultra-hard crystal layer to fortify gel coat against saltwater, bio fouling, UV rays, chemicals, engine runoff and minor scratches. This high-density, VOC-free formula delivers a high-gloss, slick finish, deterring salt pristine for years to come.

Ideal For:

- ✓ Marine Gelcoat
- ✓ Painted Surface
- ✓ Clear Coat
- ✓ Recreational Vehicles
- ✓ Aluminum
- ✓ Top Coat

- High Gloss
- Oxidation Resistant
- Flexible And Durable
- Chemical Resistant
- 3 Yrs Warranty
- Marine Grade Coating
- UV Resistant
- Repels Salt Water, Dirt & Stains

50 ml





GRAPHENE MATRIX

Graphene Matrix is poised to redefine the paint protection industry with its groundbreaking formulation and advanced nanotechnology. Our proprietary secret formula sets new standards for gloss, hydrophobic effects, and durability in graphene coatings. Activated at 100° C, it instantly self-heals minor scratches and swirl marks, ensuring your vehicle maintains its pristine appearance. Additionally, Graphene Matrix serves as the ultimate shield against chemicals, UV rays, and environmental pollutants, providing unparalleled protection and longevity for your paintwork. Experience the future of paint protection with Graphene Matrix and elevate your vehicle's defense to new heights.

Ideal For:

- ✓ Automotive Painted Surface
- ✓ Clear Coat
- ✓ Alloy Wheels

9H

Over 9H Hardness

9Yr

9 Yrs Warranty

Extreme Gloss

Chemical Resistant

Ultra Hydrophobic

Self-Healing Effect

UV Resistant

Ultra slickness

50 ml



GRAPHENE

Our Graphene coating stands as a flagship ceramic solution meticulously crafted for the automotive industry. Harnessing the unparalleled strength and durability of Graphene, our formulation comprises the highest-grade Silicon Dioxide alongside Graphene reduced oxide and Silicon Carbide expertly infused into the matrix. This results in an exceptionally tough coating known for its ability to withstand high temperatures, resist UV damage, and repel acidic bird droppings, bug sap, and other harmful environmental contaminants. Backed by a 7-year warranty, our coating represents the pinnacle of nanoceramic technology in the automotive protection sector, offering peace of mind and long-lasting defence against the elements.

Ideal For:

- ✓ Automotive Painted Surface
- ✓ Clear Coat
- ✓ Alloy Wheels

High Gloss

Super Hydrophobic

Oxidation Resistant

Chemical Resistant

7 Yrs Warranty

Surface slickness

UV Resistant

10H Hardness

50 ml



13



PROLONG

"Prolong" is our top-rated ceramic coating, favored by professional detailers for its cost-effectiveness and reliability. Formulated with a high concentration of Silica Nanoparticles and Silicon Carbide, it provides robust protection against environmental contaminants and leaves a lustrous finish. The key to its performance lies in revolutionary 5nm – 20nm Silica Nanoparticles, forming a resilient coating that resists UV rays, bird droppings, and chemicals. Extensively tested in oceans, this 9H ceramic coating from Australia excels in durability, heat resistance, and chemical resilience, making it the ultimate choice for comprehensive ceramic paint protection.

Ideal For:

- ✓ Automotive Painted Surface
- ✓ Clear Coat
- ✓ Alloy Wheels

 High Gloss

 Super Hydrophobic

 Oxidation Resistant

 Chemical Resistant

 5 Yrs Warranty

 Surface slickness

 UV Resistant

 9H Hardness

50 ml





PROLONG LIGHT

Prolong Light emerges as the epitome of automotive perfection, a single-layer ceramic marvel meticulously crafted to redefine vehicle protection. Harnessing an astounding 85% of the strength found in its predecessor, Prolong Light is the ultimate choice for discerning daily drivers. Offering an unparalleled 3-year shield, it slashes maintenance costs while ensuring automotive excellence. Unlike conventional wax or sealants, this coating establishes a permanent bond, fortifying paint against the relentless onslaught of environmental aggressors. Prepare to embark on a journey of automotive enlightenment with Prolong Light, where brilliance meets endurance!

Ideal For:

- ✓ Automotive Painted Surface
- ✓ Clear Coat
- ✓ Alloy Wheels

 High Gloss

 Super Hydrophobic

 Oxidation Resistant

 Chemical Resistant

 3 Yrs Warranty

 Surface slickness

 UV Resistant

 9H Hardness

30 ml





OVERLAY

Kovalent Overlay is a functional coating engineered for application over Paint Protection Film PPF. Developed using Silicon Dioxide SiO₂ technology, it enhances performance, reinforces durability, and simplifies PPF maintenance. Overlay is formulated for increased adhesion to solvent resistant Paint Protection Films, ensuring a strong bond. While PPF protects surfaces from scratches, Overlay protects the film from dirt, easing maintenance and keeping the vehicle pristine. Built on an ideology that even protection needs protection, Overlay is not decorative and not a substitute for PPF. Instead, it protects the film itself, preserves surface integrity, completes the protection system, and is backed by a 5 year warranty.

Ideal For:

- ✓ PPF
- ✓ Wraps

**High Gloss**

**Super Hydrophobic**

**Oxidation Resistant**

**Chemical Resistant**

**5 Yrs Warranty**

**Easy Maintenance**

**UV Resistant**

**9H Hardness**

50 ml





MATTE

Introducing our advanced Matte Paint Ceramic Coating, engineered to preserve the authentic matte finish of your vehicle while providing robust protection. This innovative formula incorporates Silica nanoparticles, sized between 5nm and 20nm, embedded within a durable Silicon Carbide matrix. The result is a highly hydrophobic surface that effectively repels water and safeguards against environmental contaminants, minor scratches, oxidation, and UV rays. Derived from the renowned Prolong formula, this coating omits gloss enhancers to maintain the pure, non-reflective appearance characteristic of matte finishes.

Ideal For:

- ✓ Matte Wraps
- ✓ Matte Paint
- ✓ Matte PPF
- ✓ Matte Painted Surface

**Matte Finish**

**Super Hydrophobic**

**Oxidation Resistant**

**Chemical Resistant**

**5 Yrs Warranty**

**Surface slickness**

**UV Resistant**

**9H Hardness**

50 ml





GLASS

Our groundbreaking Glass Coating, engineered with ultra-active Silica nanoparticles for glass surfaces. This advanced coating pushes the limits of protection with its powerful hydrophobic properties, effortlessly repelling water to maintain unmatched clarity and visibility, even in extreme conditions. Forming a strong, durable bond with the glass, it offers superior resistance to the elements and abrasion, enduring the constant use of windshield wipers without losing effectiveness. Watch rain glide off your windshield, leaving nothing in its wake. Experience next-level glass protection and pristine visibility with our cutting-edge Glass Ceramic Coating technology.

Ideal For:

- ✓ Automotive Glass
- ✓ Marine Glass
- ✓ Shower Screens
- ✓ Commercial Glass
- ✓ Solar Panels

 Transparent Finish

 Super Hydrophobic

 Abrasion Resistant

 Chemical Resistant

 UV Resistant

 Ease of Application

 Improved Visibility in Wet Conditions

50 ml





RESTORE

Restore is designed to protect and enhance leather, vinyl, and plastic surfaces, including exterior trim. This solvent-based ceramic coating preserves the appearance of interiors, protects against spills, and repels bacterial growth. Specially formulated for leather, vinyl, and plastic, it delivers a natural matte finish with strong hydrophobic properties. UV-resistant additives prevent fading, while its abrasion resistance ensures long-lasting durability against daily wear. Restore offers enduring protection with a flawless matte sheen.

Ideal For:

- ✓ Leather Chairs & Lounges
- ✓ Plastics
- ✓ Leather
- ✓ Marine Leather & Vinyl
- ✓ Trims
- ✓ Vinyl

 Matte Finish

 Super Hydrophobic

 UV Resistant

 Stain Resistant

 Abrasion Resistant

 Anti-bacterial

50 ml





FABRIC

Our Fabric Coating transcends the ordinary, serving as the ultimate guardian for all textile and fabric materials. With a simple application process, it conjures a formidable hydrophobic barrier that reigns supreme over liquid intrusion. Its inherent flexibility harmonizes with fabric's natural breathability, ensuring comfort without compromise. Additionally, this miraculous coating boasts anti-bacterial properties, elevating protection to unparalleled heights.

Ideal For:

- ✓ Fabric Car Seats
- ✓ Suede Shoes & Bags
- ✓ Fabric Chairs and Lounges



Anti-bacterial



Super Hydrophobic



UV Resistant



Stain Resistant



Abrasion Resistant

100 ml



POWERSHIELD

Introducing PowerShield, a revolutionary ceramic spray crafted with advanced nano-ceramic technology. Derived from the renowned Prolong formula, PowerShield utilizes refined Silica nanotechnology and Silicon Carbide to form a cutting-edge molecular structure. This temporary sacrificial layer enhances UV protection, repels grime, and boosts gloss, delivering a hyper-slick finish that rivals a showroom shine. Perfect for quick detailing between washes, PowerShield creates a glossy, protective barrier that defends against water, dirt, and UV damage. Elevate your car care routine with PowerShield—essential for any car enthusiast seeking long-lasting protection and unbeatable gloss.

Ideal For:

- ✓ Automotive Painted Surface
- ✓ Recreational Vehicles
- ✓ Clear Coat
- ✓ Gelcoat
- ✓ Alloy Wheels



High Gloss



Super Hydrophobic



UV Resistant



Ease of Application



Hyper Slickness



Anti-bacterial

100 ml





03



GROW WITH US”

THE KOVALENT DIFFERENCE

01

Australian Made

We proudly formulate and manufacture our ceramic coatings in Australia, ensuring top quality and authentic craftsmanship.

02

Built to Last

Our coatings, made with premium silica nanoparticles, are rigorously tested to ensure exceptional performance and durability.

03

Tailored Solutions

We provide tailored ceramic coating solutions for automotive, marine, aviation, and commercial applications to meet your unique needs.

04

Effortless Application

Our ceramic coatings are designed for professional detailers, featuring a user-friendly application that seamlessly enhances efficiency and results.



“

“Kovalent’s coatings are truly unmatched! The application process is easy, and the durability is exceptional!”

“

“Partnering with Kovalent has transformed my business! Their tailored solutions and training have helped me deliver outstanding results that keep my clients coming back.”

“

“Kovalent’s ceramic coatings are the best! They offer outstanding performance and keep my customers satisfied.”

ENQUIRE NOW

Unlock the potential of superior ceramic coatings tailored to your needs.

Contact us today to learn more!



PROVEN SUCCESS

SPEC SHEET



	Revive	Graphene Matrix	Borophene
Hydrophobicity (Contact Angle)	★★★★★	★★★★★	★★★★★
pH Tolerance	★★★★★	★★★★★	★★★★★
Thickness of Coating	★★★★★	★★★★★	★★★★★
UV & Oxidation Resistance	★★★★★	★★★★★	★★★★★
Scratch Resistance	★★★★★	★★★★★	★★★★★
Gloss Level	★★★★★	★★★★★	★★★★★
Durability / Longevity	3 Yrs Warranty	9 Yrs Warranty	9 Yrs Warranty





Graphene	Prolong	Prolong Light	Matte	Restore	Glass	PowerShield
★★★★★	★★★★	★★★	★★★★	★★★★	★★★★	★★★★★
★★★★★	★★★★	★★	★★★★	★★★	★★★★	★★
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★★★★★	★★★★★	★★★★	★	★	★	★★★★★
7 Yrs Warranty	5 Yrs Warranty	3 Yrs Warranty	5 Yrs Warranty	1 Yrs Warranty	1 Yrs Warranty	6 Months Warranty





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