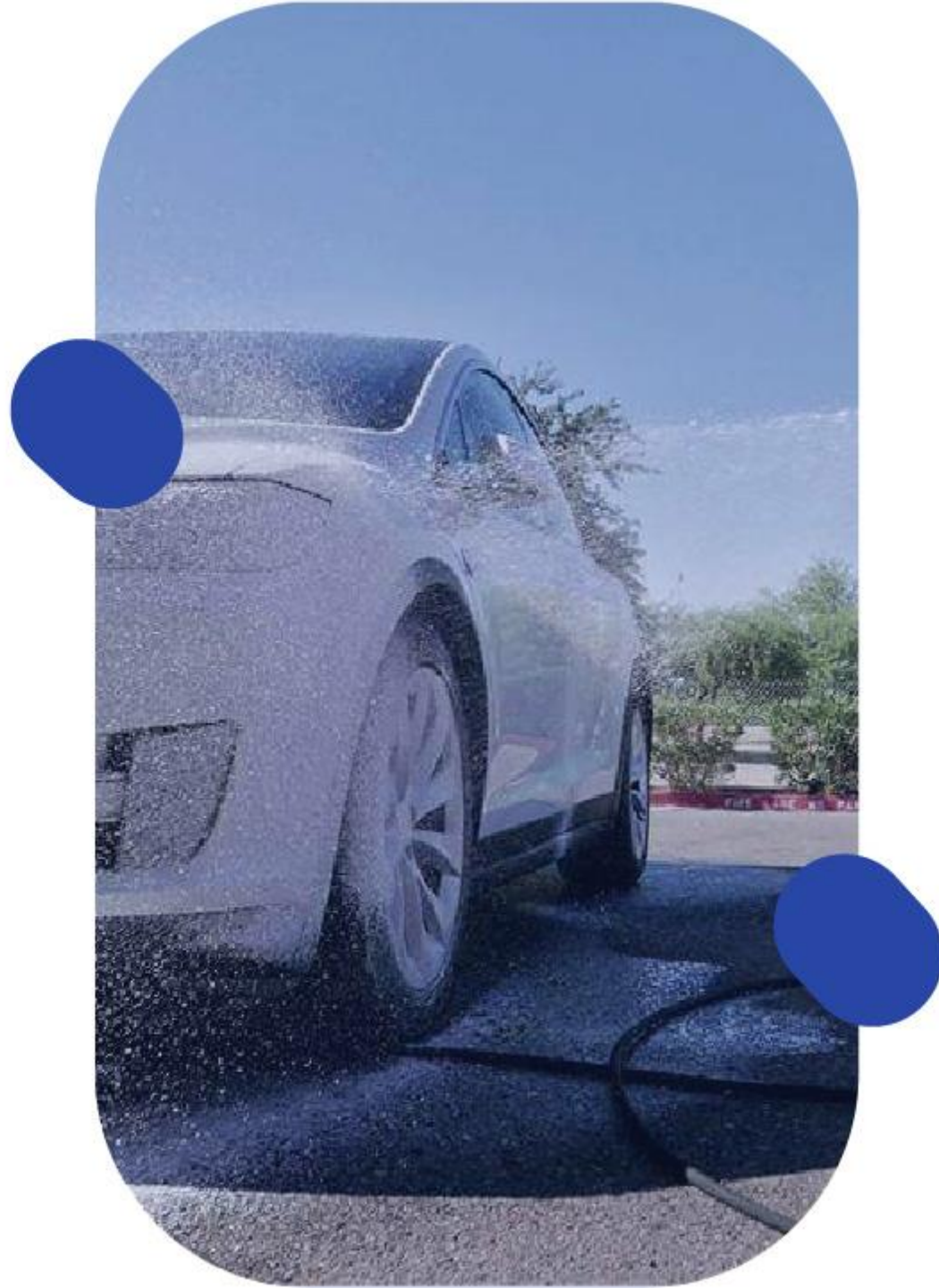


WHAT ARE SPECIALTY CERAMIC COATINGS AND WHAT ARE THEY USED FOR?



Many people who are interested in protecting their vehicle's clear coat from UV rays, abrasive chemicals and other harmful pollutants opt for ceramic coating as a vehicle treatment. Nano-ceramic coatings are highly engineered to not only protect a vehicle's exterior but also to lock in a truly radiant shine for years.

The advanced formulation that makes this possible has a plethora of other uses in a variety of other applications and industries.

CERAMIC COATINGS AREN'T JUST FOR A CAR'S PAINT



The truly diverse array of automotive components that benefit from specialty ceramic coatings is a testament to the power of the protection it offers.

There are specialty ceramic coating processes for:

- Exhaust systems
- Headers
- Turbos
- Manifolds
- And more



A close-up photograph showing a hand holding a yellow applicator brush, applying a coating to a smooth, red surface. The background is dark and out of focus.

OTHER USES

Specialty ceramic coatings can protect a huge range of products, from firearms and knives to consumer electronics and water bottles. Many aerospace parts, especially exteriors, are treated with specialty ceramic coating, as are a lot of wearables. The chemical and corrosion resistance of ceramic coatings also make them vital for products that are submerged in or subjected to salt water regularly.

HEAT RETENTION AND HEAT RESISTANCE

Internal components can also benefit from specialized ceramic coatings. Pistons may be coated with specialized heat retention ceramic coatings. Hydraulic tanks, radiators and heat sinks are usually coated with a specialized heat dissipating ceramic coating. Industrial pipes or products frequently subjected to chemicals are often coated with extra-strength chemical resistant ceramic coatings.





ANTIFUNGAL CERAMIC COATINGS

The hydrophobic properties of ceramic coatings on a vehicle's clear coat are beneficial in other settings to repel fungi, bacteria and even germs. Antifungal ceramic coatings can be used on handrails or door handles and even ship hulls to prevent barnacle growth. Even when submerged in water, organisms struggle to find purchase on ceramic coatings.

BETTER THAN LUBRICANTS AND OIL

Industry experts rely on dry film lubricants, a form of ceramic coating, for some industrial applications. The heat dissipating, non-stick attributes allows it to perform better than grease and oil in some mechanisms. Ceramic coatings are also extremely thin, which makes them ideal in extremely precise engineering.





THAT'S GREAT, BUT WHAT ABOUT MY CAR'S PAINT?

We're surrounded by a lot of modern marvels of chemical engineering, many of which we don't even notice. Your vehicle's exterior is something you see every day, and likely appreciate, but you may not think much about where its shine comes from and how it stays that way. An automotive nano-ceramic coating, applied to a perfectly polished vehicle, locks in that polish for as long as the coating lasts, usually about two to five years.

GET CERAMIC COATING APPLIED TO YOUR CAR, TRUCK OR SUV IN PHOENIX OR SCOTTSDALE

Bulldog Detail installs the highest quality automotive nano-ceramic coatings to protect your vehicle's clear coat and help it maintain an unparalleled shine. A properly maintained vehicle with a ceramic coating will shine better than the highest quality polish for years without needing to be waxed.

If you're ready to put waxing behind you, call Bulldog Detail at **602.653.3935** and learn more about ceramic coatings.

