



**FAQ**

CONSUMER PRODUCT QUESTIONS ANSWERED BY

# The Experts

## Protective Coatings Explained

Exceptional overall surface protection from environmental attacks is a multi-faceted approach which requires both extensive laboratory work and related testing. Long term protection can be measured and/or calculated using different test methods and instruments. One of the main methods we use is gloss.

Traditional products/wax use a variety of ingredients in their formulations, with one of the most common being silicone oils (polydimethylsiloxane). These silicone oils are what gives the finish that silky velvet feel. However, these silicone oils also inhibit bonding sites and are short lived relative to long term protective coatings.

Vantage Protection Systems (VPS) long term protective coatings do not use silicone oils in their formulations in order to deliver 100% active ingredients to the surface that provides maximum bonding and penetration. Over the course of 5 years, the customer will see that the Vantage product provides better protection than traditional wax. Vantage products are formulated to provide maximum protection to applied surfaces unlike the traditional characteristics of other products with short term protection characteristics.



**Q:** Why is the water not beading on the interior like it does on the exterior?

**A:**

- For generations, customers have been conditioned to equate water beading with protection. While water beading can be an indicator of protection, using water beading as the sole indicator is inaccurate.

For example, smearing bacon grease all over any surface would provide great water beading characteristics, however the surface is not really protected. Conversely, Duct Tape on a surface will not allow water to bead but the surface is highly protected.

Protective coatings typically have substantial water beading characteristics. Depending on external environmental conditions, the water beading may begin to subside over time, however, the surface is still protected. This is because gelcoats/clearcoats are much flatter in nature vs. upholstery and allow the water beads to form more readily.

These protective coatings are chemically (not physically) bonded to the applied substrate and cannot be removed with normal daily use, including regular cleaning regiments. Only strong mechanical force (buffing) or extreme pH will remove the bonded coating.

**Q:** Can a boat be waxed after VPS has been applied?

**A:**

- Yes, wax can be applied over the VPS Diamond Ceramic coating as often as you like using Vantage Paint/Gelcoat Revitalizer or a quality marine grade wax such as 3M or Meguiars (or equivalent products designed without acids or harsh abrasives). It is also acceptable to use a buffer if you are using a finishing pad, however, no cutting or abrasive pads should be used. If a buffer is used, we do recommend a light polishing action as opposed to high speed polishing to reduce excessive heat.
- *Typical wax will “melt or burn off” at between 140-180° F surface temperature. VPS Nano coating is tested for protection at over 500°F.*



**Q:** How can the exterior Diamond Ceramic and interior All-In-One products be removed?

**A:**

## Exterior:

The Diamond Ceramic Exterior Product can be removed by using either a compound or fine grit sandpaper to through the coating.

*Note: The coatings are impervious to most solvents and cleaners  
Except for high concentrations of mineral acids.*

## Interior:

The All-In-One Interior Product cannot be removed, resulting in long term surface protection.

**Q:** Are there any cleaners approved to use with VPS applied?

**A:**

Yes, the following is a list of products that have been approved.\*

1. Vantage Paint/Gelcoat Revitalizer
2. Vantage Leather/Vinyl Enhancer
3. 303® Multi-Surface Cleaner
4. 303® Aerospace Protectant
5. Boat Bling Hot Sauce Products
6. Simple Green®
7. Formula 409®

\*These products must be used as instructed. Do not use excessively hard and aggressive techniques (i.e. hard bristle brushes, scouring pads, etc.) and ensure the applied surface is fully rinsed to remove all residues.

If you have questions about applying certain products, please email [info@vantageresourcegroup.com](mailto:info@vantageresourcegroup.com).