

DIAMOND  
**Daimyo**



## ***9H + TITANIUM SHIELD NANO CERAMIC COATING FOR HELMETS & COMPOSITE SURFACES***

### **Daimyo Diamond 9H + TITANIUM SHIELD**

Daimyo Diamond Titanium Edition is a premium 9H nano ceramic coating engineered for carbon fiber substrates across both high-performance motorsports and the luxury marine sector. Its Titanium Oxide Nano-Matrix forms a 9H extreme durability protection layer that delivers superior scratch resistance, long-term surface stability, and exceptional hardness beyond standard clear coats, while withstanding physical impact, intense UV, saltwater exposure, and rapid temperature shifts. Whether protecting a high-speed motorsports helmet or the carbon fiber surfaces of luxury yachts and performance speedboats, Daimyo Diamond preserves clarity, enhances gloss, and provides reinforced, long-lasting protection in the most demanding conditions—on the racetrack or out on open water.

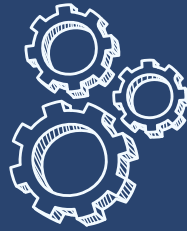
## ***THE ULTIMATE PROTECTION SYSTEM FOR CARBON FIBER SUBSTRATES***

# KEY BENEFITS



## 9H Ultimate Durability Protection Layer

Preserves clarity and the carbon fiber weave while forming a 9H ultra-durable scratch-resistant layer. Ideal for maintaining both gloss and matte carbon finishes over long-term use.



## Titanium-Reinforced Strength

Titanium-enhanced nano lattice increases impact resistance, protecting carbon fiber helmets, fairings, hulls, and composite panels from daily wear and high-stress environments.



## Heat & UV Stability

Engineered to withstand harsh environmental exposure while prolonging carbon fiber's resistance to UV yellowing and fading, preserving clarity and depth over time.



## Marine-Grade Defense

Provides advanced resistance to saltwater corrosion, oxidation, and spotting. Reduces adhesion of salt, minerals, and contaminants on exposed carbon fiber surfaces.



## Hydrophobic Self-Cleaning

Creates instant water beading on helmets, hulls, and carbon panels, making cleaning faster and preventing residue buildup in both track and open-water environments.



## Chemical & Environmental Shield

Protects carbon fiber from fuels, oils, sweat acids, detergents, and marine cleaners. Built for performance in both motorsport and marine conditions.

## Application Guide

### STEP 1: Surface Preparation

Ensure the surface is clean, dry, and free of oils or contaminants. Use IPA wipe-down after washing. Light polishing is recommended to remove haze or micro-marring on carbon fiber or clear-coated substrates.

### STEP 2 : Apply the Coating

Shake well. Apply 3–5 drops onto a suede applicator and work in controlled sections (20–40 cm). Spread evenly using a cross-hatch pattern to ensure uniform coverage on carbon fiber and composite surfaces.

### STEP 3 : Flash Time & Leveling

Allow the coating to flash for 1–3 minutes depending on temperature and humidity. After the flash time, gently level and buff with a clean microfiber towel, ensuring the removal of any high spots—especially along edges, curves, and textured areas.

### STEP 4 : Layering & Initial Curing

For optimal performance, apply a minimum of 2 layers, allowing 24 hours between each layer to build film thickness and enhance long-term durability on carbon fiber surfaces. After completing all layers, keep the coated surface away from water for 24 hours and avoid chemical exposure for 7 days to allow the titanium-reinforced nano layer to fully bond and reach maximum hardness.

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