

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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