

Composites in Aerospace

- CFRP excels in fatigue performance compared to aluminium
- Structurally durable yet lightweight for primary and secondary aircraft structures
- Widely used throughout aircraft interiors

Composites in Automotive

- Carbon fiber is lightweight, durable and easily molded
- Leading manufacturers targeting Composite for future production cars
- Multi-layered material resists breakage

Composites in Power Generation

- Primarily used in wind turbines
- Blades must be low weight, possess rotational inertia and have resistance to fatigue and wear
- CFRP withstands environmental erosion and degradation



Raw Material

- High Performance substrate engineered specifically for the machining of Composite materials
- Evaluated and designed to complement Di-NAMITE coating
- Lab inspected to verify consistency and quality

Di-NAMITE Coating

- Pure Crystalline Diamond for high demanding abrasive applications
- Engineered application process for maximum adhesion and smooth coating structure
- Coating held to tight tolerances for consistent batch to batch results



- Diamond is the longest wearing surface of any material allowing for improved cutting edge performance and improved surface finishes
- Extremely high thermal properties protects the cutting edge from excessive heat to help extend tool life
- The features of Di-NAMITE coatings allow for improved operating parameters through better edge protection