



The Aspen Story, Quality Above & Below the Surface

Aspen Power Catamarans are meticulously designed and crafted to give flawless performance on demand. To do so, they must hold up to the incredible demands of a harsh environment. To withstand the powerful forces of nature, Aspen Catamarans are built to the highest standards of quality and strength.

The beauty of Aspen's exceptional strength and durability goes beyond the materials. Aspen is especially committed to design, construction, and quality craftsmanship. Due to the performance demands and specifications of the owners, each hull is custom built to order, and is hand crafted with special attention to each owners details.

From lamination materials to interior components, Aspen chooses the highest quality materials, such as solid hand crafted Burmese Teak cabinetry, tables and flooring. All cross beams, bulkheads, transoms, and stringers are constructed from CNC cut Coosa composite ranging in thickness from $\frac{3}{4}$ " to $2\frac{1}{2}$ ", guaranteed for life. Coosa is a polyurethane and fiberglass reinforced panel that is 45% lighter than plywood, it is waterproof and cannot decay. The uniquely engineered integrated rib, stinger, bulkhead system is solidly fiber glassed in place to carry a catamaran's unique loads. A hand lay-up process utilizes a combination of premium knitted fiberglass materials yielding the maximum strength with the least amount weight.

Hull lamination starts with 22 mils of the best UV stabilized gelcoat. CCP's, Armorcote 991 Isophthalic-NPG gelcoat, it provides superior UV resistance that displays the high gloss quality seen in our boats. Higher gloss combined with a deeper, richer color, provides an enhanced cosmetic appearance, while being resistant to water blistering. This is followed by a skin of 2 oz. mat with pure vinyl ester resin. This resin is 20% stronger, and is a complete water barrier. It eliminates any possible blistering above or below the waterline. The following lamination is done with high strength Isothalic polyester resin and includes layers of 18 oz. roving (long fibers that go the entire length of hull), and: 1.5 oz. mat, in specific areas 3mil or 6mil Coremat, knitted bi-axial fiberglass fabric, $\frac{3}{4}$ " PVC Divinycell foam, and Kevlar. This is used to develop strength and structure as needed. The bottom of the hull is reinforced by 3 additional layers of mat and roving, along with a double layer of Divinycell. Total thickness of the double bottom is just over $2\frac{1}{2}$ ". The entire hull and deck are bonded with aircraft grade cross linked urethane adhesive, then fastened with 316 SS fasteners every 6". Finally, the inside of the deck-hull joint is fiber glassed with 1708 Nytex; where accessible.

Aspen is proudly NMMA certified, but clearly their build quality goes above and beyond the minimum of industry standards. Great pride is taken in the system installations, using Cobra wiring, class K tinned copper wire, manufactured in Michigan, USA. Electrical systems are paired with industry leading Blue Seas systems, from Bellingham, WA. All plumbing and wiring runs are clearly labeled, installation is done with pride, to perfection; as if works of art.

Aspen's incredible Proa hull design is the result of the accumulative knowledge from Larry Graf's experience with Glacier Bay Catamarans (founder/president 1987-2007). Aspen's patented hull has 78% more roll stability, 70% more fuel efficiency, and has the softest ride known in the boating world. Coupled with the safety and reliability of an inboard diesel, this only means hours of comfort and fun on the water. When other boaters are taking a pounding, Aspen owners are smiling. If you appreciate quality at every level, as well as, the performance and resale payoff from investing in the very best, there is only one place to look; Aspen Power Catamarans!