



Maintenance Free Aluminum Boat Docks



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Alumadock Marine Structures

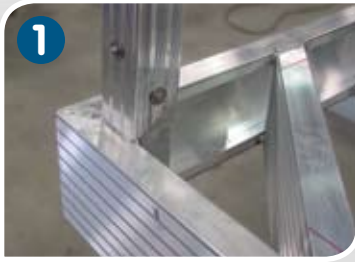
One of the fastest growing builders of residential and commercial boat docks in the country.

ALUMADOCK'S parent company, Robco Manufacturing, was founded in 1983 by present CEO, M. Thomas Roberson. Robco is a full service metal fabrication and CNC machine shop that specializes in building top-quality boat docks. Our college educated, AWS certified welders and millwrights fabricate many products from aluminum, steel and stainless steel.

ALUMADOCK utilizes an in-house design team using the latest CAD systems to insure a properly designed and engineered dock. This experience of precision aluminum fabrication insures a better fit and finish for our docks and a dock that will stand up in the harsh marine environment.



ALUMADOCK'S frames, constructed out of 6061-T6 aluminum alloy, are designed for the marine environment. This material, ideal for docks, is maintenance free and will never rust. ALUMADOCK'S mainframe is built out of 8" C channel with 3/16" wall thickness on 24" centers. Every corner is TIG welded on the outside and digital pulse MIG welded around the inside of the frame. These interior corner welds are unseen, but provide critical strength to the dock frame. Our state of the art welds ensure maximum penetration and fusion of the aluminum alloy. The prefabricated heavy-duty frame is fastened with ALUMADOCK'S exclusive bolt and backing plate connection. This high strength connection of 12-gauge stainless steel backing plate and stainless steel bolts provides additional strength by distributing the load equally throughout the dock.



The Alumadock Advantage

Compare ALUMADOCK'S design, engineering and fabrication to other dock builders:

1 ROOF SUPPORT

Roof post stubs are welded into the mainframe and extend from the bottom to the top of the 8" mainframe to support the roof system. This adds critical strength and support by transferring wind and wave load to the heavy duty dock mainframe. ALUMADOCK fastens the roof posts using 4 stainless steel fasteners in a unique through bolted connection.



2 BOLT AND BACKING PLATE CONNECTION

Stainless steel fasteners and 12-gauge stainless steel backing plates provide extra support and load distribution in critical stress areas.



3 ESCUTCHEON PLATES

Molded escutcheon plates for the base of the roof post create an aesthetically pleasing finished look for the deck.



4 HEAVY DUTY BRACING

Gusseting or corner bracing on the mainframe and gangways add critical strength and integrity to our aluminum docks.



5 FLOATATION

Permafloat® Floatation—rotationally molded .15" outer shell with no seams. Filled with EPS foam that contains no CFC or HCFC's and provides maximum buoyancy.



6 DELIVERY AND DOCK KITS

On time delivery is guaranteed by ALUMADOCK'S in-house shipping fleet. Installation of your dock is handled by our employees or your local dealer. ALUMADOCK also offers Do-It-Yourself kits; your dock is pre-assembled in our factory, broken down, then shipped to your site for you to reassemble.

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Roofs – 4 different styles

Gable, Hip, Sundeck and Sundeck Combos.

The gable and hip roofs use an exclusive vaulted frame design that provides additional height to accommodate pontoon boats with upper decks, ski boats with towers or boats that have T-tops.

ALUMADOCK uses 26-gauge roofing metal that is available in 15 different colors and carries a 45 year color warranty. ALUMADOCK offers a unique fastening method for our roofs, providing additional strength and durability. We weld the roof poles into the 8" C channel mainframe. This connection utilizes the strength of the mainframe and distributes the load throughout the dock

GABLE ROOF

The most economical style offering protection for your boat from the elements.



HIP ROOF

The hip roof offers better protection from the elements and a pleasing look.



BOAT LIFTS AND PERSONAL WATERCRAFT PORTS

ALUMADOCK can design your dock to include boat lifts, personal watercraft ports or any combination to fit your needs.

SUNDECK

The Sundeck offers additional recreation space. ALUMADOCK'S Powder Coated Aluminum Decking with the interlocking feature provides waterproof protection for your boats.



SUNDECK COMBO

The Sundeck Combo offers the same features as the Sundeck but at a lower cost.



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Gangways

Engineered so they are capable of spanning great lengths.

ALUMADOCK gangways, constructed out of 6061-T6 marine grade aluminum, may be used with wooden, steel or aluminum docks. All welds are made with state of the art digital pulsed MIG welders. Frames are constructed of 3" x 2" x 1/8" and 4" x 2" x 1/8" rectangular aluminum tubing. Our handrails are constructed of 2" x 2" x 1/8" custom fluted aluminum tubing and are available ADA compliant. All corners have gussets providing extra strength and critical load distribution for the marine environment.



Accessories

- ***Ladders, stationary and fold-up • Doggy Ladder • Dock Boxes***
- ***Vertical Bumpers • Cupolas with weathervanes • Benches***
- ***Fish Cleaning Tables • Storage Sheds • Gates • Picket Rail***
- ***Fold-down Cleats • Jump Platform***

DOCK LADDERS

Heavy duty construction from 6063-T5 aluminum alloy. Ladders are fabricated by AWA certified welders out of 1 1/4" pipe. Ladders have 5" wide steps and are offered in 4, 5 or 6 step depths. ALUMADOCK also offers a fold-up ladder and a unique doggy ladder for our pets to easily climb out of the water onto the dock.



DOCK BOXES

Dock boxes provide additional storage and seating. Heavy duty construction with 1/4" to 3/16" wall thickness. Hinges and locking latches are chrome plated bronze or stainless steel. Exterior finish is UV stabilized, strut for lid support is standard. Dock boxes offered in 4, 6 and 8 foot standard box; 3, 4 and 8 foot slim line box; or 3 or 4 foot corner box. Cushions are available for standard and slim line boxes.



Dock Anchoring

Anchoring options depend on water depth and fluctuation, wind and wave loads, dock configuration and local regulations. Several options for anchoring your new ALUMADOCK are available; 5th wheel, piles, stiff arm and cross cable, sea flex, dead weights/dead man, winch and cable, and pole and sleeve anchoring. Our design team will assist you in deciding the best anchoring system for your specific application.



WINCH AND CABLE

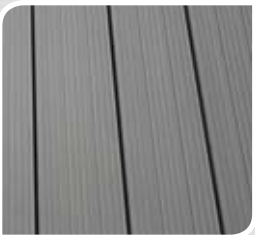
Best for areas that experience severe water depth fluctuation. ALUMADOCK utilizes a winch and articulating pulley system that is engineered to withstand the extreme conditions, yet allows for easy dock adjustment.



POLE AND SLEEVE ANCHORING

Ideal for areas that receive heavy wind and wave action. It provides a more secure method that incorporates a 4" retractable pole combined with a winch system allowing the dock to move with water fluctuation while offering increased protection from extreme wind and wave action.

Decking



ALUMADOCK offers several standard types of decking. Custom decking options are available.

PREMIUM VINYL DECKING

UV protected, this decking features a concealed fastener system. It provides a surface that is cool to the touch, no snag, and is free of nails, splinters or screws. It is available in solid tan or grey colors and is virtually maintenance free.



POWDER COATED ALUMINUM DECKING

Available in tan or grey colors. It has a non-staining durable finish that will not corrode or splinter. It is non-flammable and mildew resistant. The nonskid decking is ideal for sundecks because the interlocking feature provides waterproof protection as well as superior strength, durability, and no maintenance.



BRAZILIAN HARDWOOD DECKING

Adds a rich finish and offers low maintenance. ALUMADOCK uses premium select grade IPE that is fire and termite resistant, exceeds ADA requirements and is backed by a 25-year warranty.



Maintenance Free Aluminum Docks

- Personal Boat Docks
- Community Boat Docks
- Commercial Boat Docks

Alumadocks are built to last a lifetime.

Quality never costs as much as it saves.

Call or visit our web site for a free quote:

800.849.5511 • www.alumadock.com

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