

Marina and Dock Solutions



Dock Decking

Dock Decks present a unique set of challenges for dock manufacturers, marina owners, designers and builders.

Iron Woods™ Dock Decking has long been recognized as the premium wood deck surface option. Time tested and proven in a wide range of marine and coastal applications Iron Woods™ Ipe has long been recognized as a superior dock and pier surface solution.

When constructing a dock system the designer must take into account many factors. Load requirements, resistance to deterioration in harsh marine environments, slip resistance, potential for static electrical buildup, heat retention and tension under wave motion are all conditions where the physical properties of Iron Woods perform exceptionally well. Iron Woods® Conventional Decking and Prefabricated Deck Panels provide unique and cost effective solutions for the construction of Marina Docks and Decks.

Grooved decking surfaces are not recommended...Why?

Grooved surfaces do not improve slip resistance. Grooved deck surfaces create less surface area contact with the sole of a shoe resulting in lower co-efficient of friction, are more difficult to clean supporting the collection of food and dirt which encourages fungi growth which further reduces slip resistance. This is why a grooved surface profile option is not offered with Iron Woods decking.

Iron Woods Ipe Stands the Test of Time



Ipe Wooden Anchor - 349 Years of Marine Borer Exposure

A stream anchor from the Margarita was found with a well-preserved wooden stock. An analysis by Forest Products Laboratories of the U.S. Department of Agriculture showed that it was made of a wood known as ipe or lapacho. On its crown are several well-preserved inscriptions: the date, 1618, and a foundry mark.

Standard Deck Dimensions

1x4 * 1x6 * 5/4x4 * 5/4x6 * 2x4 * 2x6 * 2x8

Iron Woods™ Deck and Dock Panels

As an alternative to traditional dock decking, Iron Woods® Prefabricated Deck Panels provide a simple and high value dock surface solution. Prefabrication provides for low cost installation, ease of removal and reinstallation for maintenance of under dock service systems. The open deck panel surface design promotes air pressure equalization, reducing potential for wind and water uplift.

DECK PANEL OPTIONS

24 X 48



24 X 72



24 X 96



Special Order

Custom deck panels can be designed and fabricated for your specific application or system in lengths up to 96"

WHAT ARE INSTALLERS SAYING?

"The prefabricated panels saved us 30 to 40% in installation labor over conventional dock decking, making Iron Woods deck panels incredibly cost effective verses conventional wood, composite or concrete decking"

Environmental Compliance



All Iron Woods meet 'Green By Nature™ 'Build with Conscience' comprehensive set of Controlled Wood, Chain of Custody, Life Cycle Impact and Due Care Standards, Policies and Procedures that support environmental sustainability initiatives as follows...



All Iron Woods® products have been verified of legal origin and verified of legal compliance as being, legally harvested, transported, exported, imported and documented in compliance with all country of origin, international and domestic laws, rules, regulations and treaties pertaining to the fair and legal trade of forest products including but not limited to the ITTA (International Tropical Timber Trade Agreement), CITES (Convention On The International Trade of Endangered Species) U.S. Department of Agriculture Lacey Act, U.S. Department of Justice Foreign Corrupt Practices Act and U.S. Buy American Act.

All Iron Woods® products are derived from forests which are naturally occurring, renewable and sustainable and are not harvested from forests or forest plantations where traditional, civil or intellectual property rights have been violated, forests having high conservation values which are threatened, forests that have been genetically modified or forests which have been converted to non-forest use. Iron Woods® are sourced with a preference to those forestry operations implementing LIL (Low Impact Logging) techniques and sustainable forest management practices.

All Iron Woods® products are 100% organic and grown without the use of chemical fertilization and are regenerated naturally or by seeding and replanting. All Iron Woods are either kiln dried or fumigated and are free from invasive insect or plant species. The natural service life of Iron Woods®, exceed their natural growth cycle, trap and store carbon and are able to be reclaimed, reused or recycled. Iron Woods® do not require for service any petroleum based or inorganic chemical treatments adhesives or coatings. Iron Woods® do not require for service any specialized handling storage or disposal procedures and generate zero post-industrial or post-consumer non-biodegradable waste. Iron Woods® are also safe for human and animal contact, meet Low VOC emission standards and meet International Building Code, International Residential Code and Cal Fire Wildlife Urban Interface Code requirements for naturally durable wood.