



More than just a Piece of Wood....Peace of Mind

Understanding the Iron Woods Difference We Set the Standards

ENGINEERED AND CERTIFIED PRODUCT PERFORMANCE... We don't claim it, we document it. Compliance officials have a responsibility to make sure building products and construction methods will meet specific minimum design standards, legal standards and environmental compliance standards as outlined by local, state, federal and international laws and building codes. It's the builder's responsibility to provide them with the documentation that verifies compliance. Learning that your supplier is unable to document compliance at the time of inspection is an experience you want to avoid. All Iron Woods products are certified International and Residential Building Code Compliant. Iron Woods compliance submittal documents are available at time of purchase. Make sure you ask for them.

COMPREHENSIVE SPECIFICATION LANGUAGE... Code compliance starts with comprehensive product specification language. Timber Holdings has spent over 40 years developing, maintaining and delivering the most current and most comprehensive specification language, for design and compliance professionals seeking to specify or inspect naturally durable hardwood products. Comprehensive product specification language is the foundation of any successful project.

CERTIFIED ENVIRONMENTAL AND LEGAL COMPLIANCE... We do not self-certify or make false claims. Iron Woods products are Third Party verified compliant with all foreign and domestic laws pertaining to the legal free trade of forest products under our Green By Nature Environmental Compliance Program which takes into account ITTO (International Tropical Timber Organization) Agreements on the sustainable management and trade of forest products, CITES (Convention on the International Trade of Endangered Species, U.S Lacey Act "Due Care" compliance requirements which include but are not limited to the U.S Foreign Corrupt Practices Act and U.S. Forced Labor Laws and U.S. Buy American Act. Every piece of wood we import comes with documented and certified chain of custody and legal verification.

CERTIFIED GRADE COMPLIANCE... Why are Grading Rules important? Grade affects both appearance and structural performance of wood products. In the absence of industry grading standards for tropical hardwood decking lumber and timbers, Timber Holdings wrote them. The standard tropical market grade produced by the sawmills is called FAS (First and Seconds or Mixed Grade), though it cannot be considered a grade as there are no specific grading rules defined under the term and no ratio of First and Seconds defined. All Iron Woods are graded to a very specific set of written and visual grading rules that we created over 40 years ago. Iron Woods Premium Select Architectural Grade, Iron Woods FEQ (Commercial Grade). If your supplier cannot provide you with written grading rules for the lumber you buy then you cannot hold them accountable for the quality of product you receive.

CERTIFIED DIMENSIONAL STABILITY... Wood equalizes (stabilizes) to a moisture content typically between 10 and 12% throughout most of the United States though it can run slightly higher or lower by region. Iron Woods decking products are kiln dried to a specific 12 to 14% moisture before milling assuring minimal wood shrinkage and little possibility of expansion. Why is this important? One reason is that moisture content impacts the dimensional stability and mechanical properties of wood. The second reason is that predictably green wood shrinks during the drying process. Air Dried (Green) decking has the potential to shrink itself right off of hidden deck fasteners. The third reason is that Kiln drying reduces the potential for checking. Properly kiln dried decking also takes finishes better than Air Dried (Green) decking.



CERTIFIED PRODUCT TESTING ... Iron Woods brand products have been tested for performance characteristics like Durability, Mechanical Properties, Fire Resistance and Slip Resistance. This Testing stands as the basis for product specification and code compliance.

CERTIFIED ALLOWABLE DESIGN VALUES... Accurate Allowable Design Values developed through the establishment of Comprehensive Grading Rules and Mechanical Properties established through Product Testing. Iron Woods has developed Allowable Design Values for our products for design professionals based on grade and mechanical property compliance.

CERTIFIED SPAN AND LOAD TABLES... Allowable design values based on grade and mechanical properties allow for the development of Engineered and Verified Decking, Stringer and Beam Span and Load Tables and a Master Plan Sheets that can be relied on by design professionals and code compliance officials alike. These tables we have created are specific to Iron Woods brand products and cannot be relied on for code compliance of any other products. The importance of Engineer stamped Construction Documents cannot be overstated.

TECHNICAL SUPPORT... Iron Woods provides our customers with the most comprehensive technical support in the industry. A quick trip to the PDF library and you will quickly learn, if you have a question we have an answer. It's our passion. From design to installation we provide the tools that assure a positive outcome for your project and a lifetime of service.

ACCOUNTABILITY... Iron Woods are available through thoroughly vetted specialty distribution partners. They deliver where you need it, where you need it and if you need help to complete your project they are there, local and accountable. We sincerely hope that you will support the companies that support your community every day.

EXPERIENCE AND CREDIBILITY... We have been helping specifiers and contractors design and build with Iron Woods for over 40 years. Check out our website and look at our project portfolio. We are the Premium Naturally Durable Hardwood brand for a reason. We are passionate about what we do.

PRODUCT RANGE... Iron Woods are available in the broadest range of dimensions, profiles and products available in the market.