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## **All Wood Is Not Created Equal The Iron Woods Difference... “We Set the Standards”**

### COMPLIANCE...Engineered and Certified 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, standards and building codes. It's the builders 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. Iron Woods compliance submittal documents are available at time of purchase. Make sure you ask for them.

### CERTIFIED BUILDING CODE COMPLIANCE

All Iron Woods products are certified International and Residential Building Code Compliant.

### CERTIFIED ENVIRONMENTAL AND LEGAL COMPLIANCE

We don't 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 effects 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 is called FAS (First and Seconds or Mixed Grade) by the mills 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 – Clear 4 Faces 4 Edges

FEQ Commercial Grade – Clear One Face 2 Edges

FAS - Mixed 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 mechanical properties of wood. The second reason is that wood shrinks. Air Dried (Green) decking has the potential to shrink itself right off of hidden deck fasteners. Properly kiln dried decking also takes finishes better than Air Dried (Green) decking.



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### CERTIFIED PRODUCT TESTING

Iron Woods brand products have been tested for 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 can only be 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 Certified Decking, Stringer and Beam Span and Load Tables and 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 Engineered Stamped Construction Documents cannot be overstated.

### PRODUCT RANGE

Iron Woods are available in the broadest range of dimensions, profiles and products available in the market....Stock or Custom

### 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.

### 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. In fact we have answers for questions you don't even know you should ask. 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 Wood 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. Perhaps you can save a few bucks buying on the internet, but where will an internet provider be when you need them most. Specialty building products are not shoes. You can't just throw it in a box and send it back if it's damaged or non-compliant.

### History and Reputation

Timber Holdings has been the market leader in naturally durable hardwoods for over 40 years. That's a reputation You can build on.