

IRON WOODS® PRODUCT GUIDE

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HARDWOOD DECKING & SIDING

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PRODUCT GUIDE



IRON WOODS®
HARDWOOD DECKING & SIDING



LONG BEACH BOARDWALK
Specification: Iron Woods Ipe
Location: Long Beach, NY

UNDERSTANDING THE IRON WOODS® DIFFERENCE...

EXPERIENCE, CREDIBILITY AND PRODUCT RANGE

Iron Woods has been working with specifiers and contractors to design and build with naturally durable wood products for decades. The Iron Woods brand represents a level of commitment to product sourcing, quality management, product development and technical support that is unmatched in our industry. Iron Woods products are available in the broadest range of dimensions and profiles available in the market.... stock or custom.

PERFORMANCE AND SPECIFICATION LANGUAGE

All Iron Woods products are certified International and Residential Building Code compliant. We don't claim it, we document it. Comprehensive product specification language and submittal documentation are the foundation of any successful project outcome. Iron Woods has spent decades serving design and compliance professionals seeking to specify and utilize naturally durable hardwood products.

...WE SET THE STANDARDS

CERTIFIED ENVIRONMENTAL & LEGAL COMPLIANCE

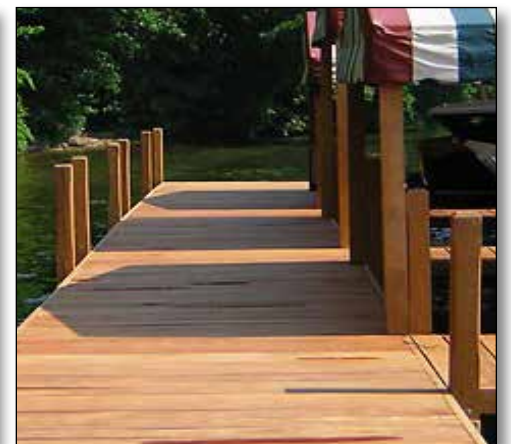
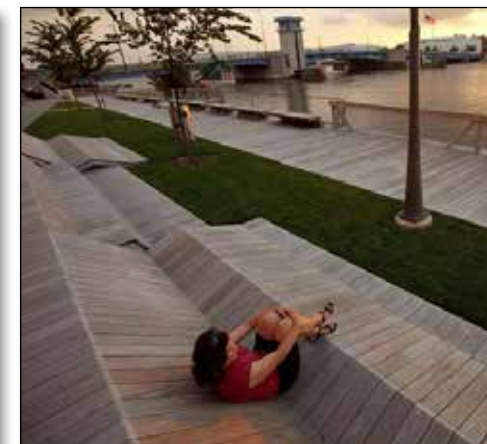
Iron Woods products are third party verified compliant with all foreign and domestic laws pertaining to the legal free trade of forest products under our 'Green By Nature' Environmental Compliance Program. This program incorporates ITTO/ ITTA (International Timber Organization and Trade Agreements), CITES (Convention on the International Trade of Endangered Species),

Every piece of wood we import comes with documented and certified chain of custody legal and environmental compliance verification.



IRON WOODS IS THE ORIGINAL AND LEADING BRAND OF NATURALLY DURABLE HARDWOOD PRODUCTS.

Superior quality and environmental accountability is what we are all about. Iron Woods branded products have stood the test of time in commercial projects and backyards across America through the qualities of superior strength, hardness, durability and fire resistance.





IRON WOODS[®]

HARDWOOD DECKING & SIDING

PREMIUM IPE

Iron Woods Ipe is a Brazilian species recognized for its unrivaled strength, unparalleled beauty and natural resistance to decay. It is known as one of the most durable and versatile timbers available. Iron Woods Ipe is a top performing timber with resistance to decay, termites, and borers. It dries extremely well with little checking, twisting, or bow. Ipe can be used in ground contact without preservatives. It is widely used in commercial exterior construction and as residential decking due to its low maintenance, attractive color, and comfortable walking surface that stands the test of time.

Iron Woods Ipe can be left to weather naturally to an attractive silver gray and requires only occasional cleaning. Alternatively, to maintain the wood's natural rich brown color, periodic cleaning and refinishing is required. Iron Woods Ipe can always be restored to its original appearance because the wood's natural beauty runs through and through.

Iron Woods Ipe is proven to stand up to the elements year-round in all climate conditions including the most extreme.

SPECIFICATIONS

PREMIUM GRADE	100% HEARTWOOD
	100% CLEAR, no visible defects
	Graded on all faces and edges to allow for desired face selection
DRYING	KD - All products nominal 1" and 5/4" thick are kiln dried and pre-stabilized
	Kiln dried decking is superior in appearance, stability, surface quality and finish penetration
	AD - Products 4" and thicker are air dried
COLOR	Rich, light to dark natural walnut brown color range that speaks to the beauty of real wood
GRAIN	Mixed medium to slightly coarse grain
FINISHING	Regular cleaning brightening and refinishing with exotic hardwood oil to maintain or restore its natural color
USES	Exterior architectural millwork, decking, porch flooring, cladding, rail, posts, timbers, trim, pergolas, furniture



Iron Woods Ipe shown finished with tinted exotic hardwood oil

PRODUCT AVAILABILITY

PREMIUM GRADE 100% clear all heartwood and graded for appearance on the face, back, and edges. Unsound milling defects not allowed.

DECKING & BOARDS - PREMIUM

NOMINAL SIZE	ACTUAL SIZE	PROFILES	LENGTHS
1 x 4	3/4" x 3-1/2"	S4S	8' - 20' EVEN
1 x 4	3/4" x 3-1/2"	GROOVED	8' - 20' EVEN
1 x 4	3/4" x 3-1/2"	T&G	8' - 20' EVEN
1 x 6	3/4" x 5-1/2"	S4S	8' - 20' EVEN
1 x 8	3/4" x 7-1/4"	S4S	8' - 20' EVEN
1 x 10	3/4" x 9-1/4"	S4S	8' - 20' EVEN
1 x 12	3/4" x 11-1/4"	S4S	8' - 20' EVEN
5/4 x 4	1" x 3-1/2"	S4S	8' - 20' EVEN
5/4 x 4	1" x 3-1/2"	GROOVED	8' - 20' EVEN
5/4 x 6	1" x 5-1/2"	S4S	8' - 20' EVEN
5/4 x 6	1" x 5-1/2"	GROOVED	8' - 20' EVEN
5/4 x 8	1" x 7-1/4"	S4S	8' - 20' EVEN
5/4 x 10	1" x 9-1/4"	S4S	8' - 20' EVEN
5/4 x 12	1" x 11-1/4"	S4S	8' - 20' EVEN

BALUSTERS - PREMIUM GRADE

NOMINAL SIZE	ACTUAL SIZE	PROFILES	LENGTHS
2 x 2	1-1/2" x 1-1/2"	BALUSTER	3' - 4'- 8'

DIMENSIONAL LUMBER - PREMIUM

NOMINAL SIZE	ACTUAL SIZE	PROFILES	LENGTHS
2 x 4	1-1/2" x 3-1/2"	S4S	8' - 20' EVEN
2 x 6	1-1/2" x 5-1/2"	S4S	8' - 20' EVEN
2 x 8	1-1/2" x 7-1/4"	S4S	8' - 20' EVEN
2 x 10	1-1/2" x 9-1/4"	S4S	8' - 20' EVEN
2 x 12	1-1/2" x 11-1/4"	S4S	8' - 20' EVEN
3 x 6	2-1/2" x 5-1/2"	S4S	8' - 22' EVEN
3 x 8	2-1/2"x 7-1/4"	S4S	8' - 22' EVEN
3 x 10	2-1/2" x 9-1/4"	S4S	8' - 22' EVEN
3 x 12	2-1/2" x 11-1/4"	S4S	8' - 22' EVEN
4 x 4	3-1/2" x 3-1/2"	S4S	8' - 16' EVEN
4 x 6	3-1/2" x 5-1/2"	S4S	8' - 22' EVEN
4 x 8	3-1/2" x 7-1/4"	S4S	8' - 22' EVEN
4 x 10	3-1/2" x 9-1/4""	S4S	8' - 22' EVEN
4 x 12	3-1/2" x 11-1/4"	S4S	8' - 22' EVEN
6 x 6	5-1/2" x 5-1/2"	S4S	8' - 22' EVEN

- All product subject to availability at time of order.
- Lower market grades of Ipe are available by special order.
- Call your dealer for grade, dimension, length, tally and custom profile availability.



No matter where you live, no matter what the application...

IRON WOODS IPE IS THE TRUSTED CHOICE OF PROFESSIONALS AND THE RIGHT CHOICE FOR YOUR HOME OR BUSINESS.

Whether it's 5 miles of boardwalk on Long Island or 1,000 square feet in your back yard, there is no job too big or too small for Iron Woods Ipe decking.

Sold in random length tallies



IRON WOODS®

HARDWOOD DECKING & SIDING

PREMIUM GARAPA

Iron Woods Garapa is a durable, well performing alternative to Ipe. A more affordable option than Ipe, and often chosen by architects, builders, and homeowners for its attractive, naturally rich honey-golden brown color. Garapa’s strength, durability, fine grain, and unparalleled performance put it in the forefront of deck designer’s minds.

Iron Woods Garapa slightly darkens upon exposure to ultraviolet light, resulting in a golden-brown hue similar to natural teak wood, eventually aging to a silver patina if left natural.

Similar to other Iron Woods hardwoods, it can be brought back to its original beauty with regular cleaning and a coat of Penofin exotic hardwood oil applied annually, or as desired.

SPECIFICATIONS

PREMIUM GRADE	100% HEARTWOOD 100% CLEAR, no visible defects or sapwood streaks Graded on both faces and edges of boards
DRYING	All available dimensions are kiln dried and pre-stabilized Kiln dried decking is superior in appearance, stability, surface quality and finish penetration.
COLOR	Light sensitive Garapa starts as a warm pale yellow to honey golden brown adjusting quickly upon UV exposure to a natural teak color range Garapa weathers to a silver gray if left unfinished
GRAIN	Mixed fine to slightly coarse grain
FINISHING	Regular cleaning brightening and refinishing with exotic hardwood oil to maintain or restore its natural color
USES	Exterior architectural millwork included but not limited to decking, cladding, rail, posts, trim, furniture, boat building



PRODUCT AVAILABILITY

NOMINAL SIZE	ACTUAL SIZE	PROFILES	LENGTHS
1 x 4	11/16" x 3-1/2"	S4S	8' - 20' EVEN
5/4 x 6	1" x 5-1/2"	S4S	8' - 20' EVEN
5/4 x 6	1" x 5-1/2"	GROOVED	8' - 20' EVEN
2 x 2	1-1/2" x 1-1/2"	BALUSTER	3'
2 x 4	1-1/2" x 3-1/2"	S4S	8' - 20' EVEN
2 x 6	1-1/2" x 5-1/2"	S4S	8' - 20' EVEN
2 x 8	1-1/2" x 7-1/4"	S4S	8' - 20' EVEN
4 x 4	3-1/2" x 3-1/2"	S4S	8' - 12' EVEN



IRON WOODS®

HARDWOOD DECKING & SIDING

PREMIUM CUMARU

TIME TESTED

With proven performance in high profile, commercial applications, Iron Woods Cumaru hardwood is renowned for its natural resistance to everything nature can throw at it.

Iron Woods Cumaru is a South American Species recognized for its incredible strength and durability. It is known as one of the most durable species available. Cumaru can be used in ground contact without preservatives. It is widely used in commercial applications where large volumes of fixed dimensions and lengths are required like boardwalk and bridge decking.

Cumaru remains the species of choice for the boardwalk industry and commercial projects where heavy dimensions and large volumes of single lengths or FSC certification is required.

SPECIFICATIONS

PREMIUM GRADE	100% HEARTWOOD 100% CLEAR, no visible defects Graded on all faces and edges to allow for desired face selection
DRYING	All products nominal 1" and 5/4" thick are Kiln Dried Products 2" and thicker are Air Dried
COLOR	Color ranges from golden yellow to reddish brown When left unfinished Cumaru weathers to a natural silver-gray patina
GRAIN	Mixed medium to course interwoven grain
FINISHING	Regular cleaning and refinishing with exotic hardwood oil can maintain or restore it’s natural color
USES	Commercial deck boards, boardwalks, bridge construction, site furniture and heavy timber constructions.

PRODUCT AVAILABILITY

NOMINAL SIZE	PROFILES	LENGTHS
1" X 6" – 5"/4" X 6"	DECKING	8' - 20'
2" x 4" – 2" x 6"	DIMENSIONAL LUMBER	8' - 20'
3" x 6" – 3" X 12"	TIMBERS	8' - 20'
4" x 4" – 4" x 12"	TIMBERS	8' - 20'
6" x 6" – 6" x 12"	TIMBERS	8' - 20'
8" x 8" – 8" x 12"	TIMBERS	8' - 20'
10" x 10" – 10" x 12"	TIMBERS	8' - 20'
12" x 12"	TIMBERS	8' - 20'





DECK TILE AND DECKING SYSTEMS

IDEAL SOLUTIONS FOR ON-GRADE AND ROOF DECK APPLICATIONS

“Simple” has never been so stunning. Iron Woods Deck Tiles are available in various sizes and are the perfect solution for either on-grade or roof deck applications. The only limit to what they can do is your imagination. Each system is customizable to the measurements and desired layout of your deck’s footprint. Tiles can be laid in both mosaic and straight board patterns, depending on your taste. While setup is relatively easy, don’t let the simplicity fool you. This stuff is strong. Each Iron Woods Deck Tile System is made with world renowned Iron Woods Ipe.

They are an ideal solution for any indoor or outdoor area, including patios, balconies, walkways, gardens, spa rooms and pool decks. Easy to install and able to stand the test of time, our innovative tile systems can be reconfigured, expanded, and even taken with you when you move.

* 24 x 24 tiles also available in FSC certified Itauba.

PRODUCT AVAILABILITY

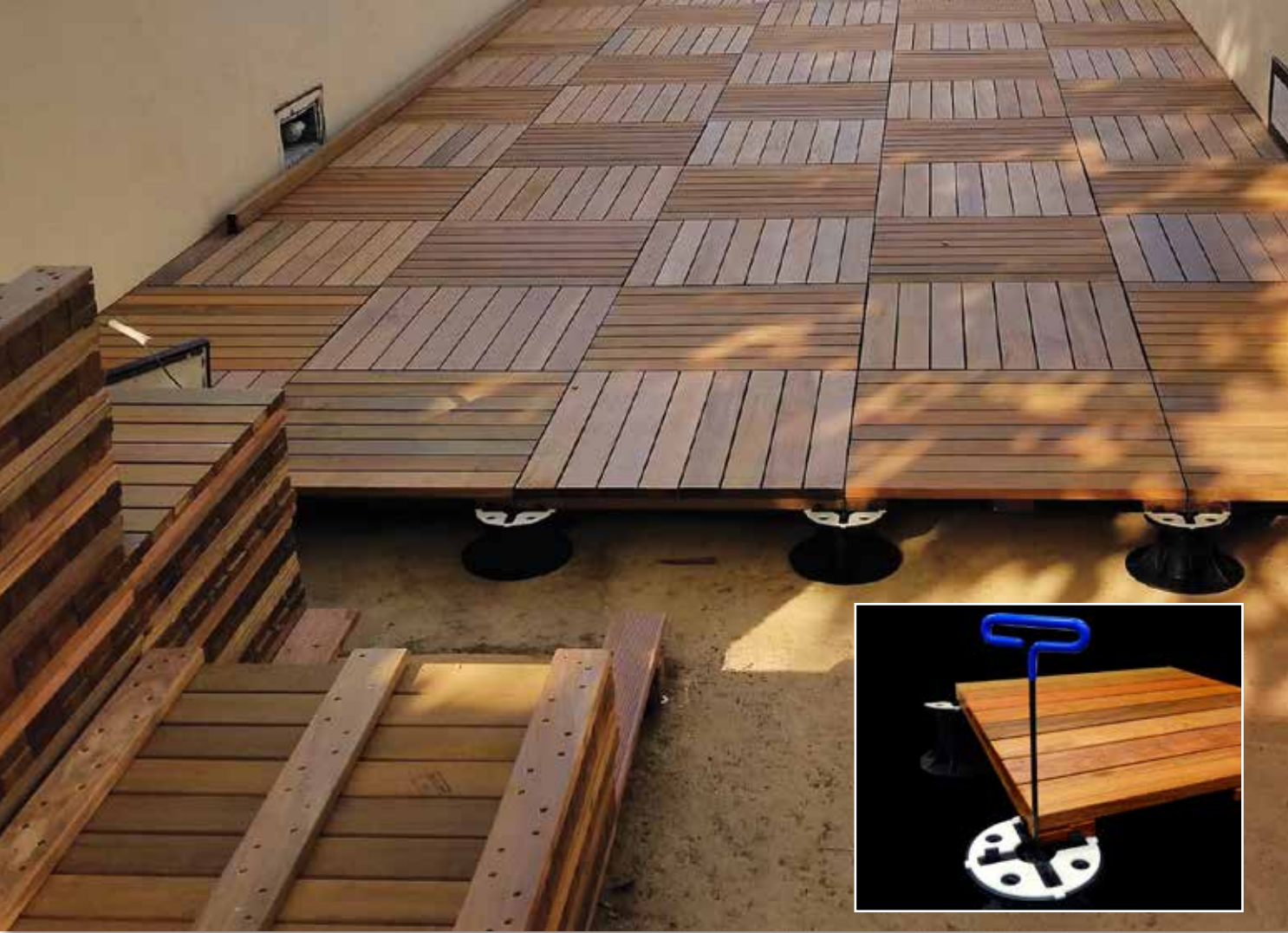
24" X 24"



24" X 48"



24" X 72"



PEDESTAL SYSTEMS

PEDESTAL OPTIONS

Iron Woods offers several pedestal options that are available based on surface and elevation requirements. Elevation pedestals can be utilized for projects that require roof to deck surface tile elevation heights from 1-3/4" up to 36". Iron Woods pedestals include features that add greatly to performance, ease of installation, and stability including pressure fit connection technology, post installation, elevation adjustment and self-leveling technologies.

SELF LEVELING SCREW JACK PEDESTAL SPECIAL FEATURES

Our Adjustment Key allows for final micro adjustments after installation. Our Screw Block System indicates when units have safely reached their maximum height adjustment. Bases are pre-scored to facilitate perimeter and corner placement. The Iron Woods Self-Leveling pedestals incorporate shims to compensate for any minor variations in deck tile thickness. Shims are provided in 1/8" or 1/16" thicknesses.



WJSE pedestal for 2 x 4 or 5/4 x 4 wood stringers

				
SE 0	SE 1	SE 2	SE 3	SE 4
1.125" - 1.5" 28/38 mm	1.5" - 2" 37.5 / 50 mm	2" - 3" 50 / 75 mm	3" - 4.75" 75 / 120 mm	4.75" - 6.75" 120 / 170 mm
				
SE 5	SE 6	SE 7	SE 8	SE 9
6.75" - 8.5" 170 / 215 mm	5.5" - 9" 140 / 230 mm	7.25" - 10.75" 185 / 275 mm	9.25" - 12.75" 235 / 325 mm	8" - 13.5" 205 / 345 mm
				
SE 10	SE 11	SE 12	SE 13	SE 14
9.875" - 15" 250 / 385 mm	11.75" - 15.75" 300 / 400 mm	10.5" - 18" 270 / 455 mm	12.4" - 19.75" 315 / 500 mm	14.25" - 21.75" 365 / 550 mm



THE IRON WOODS® SYSTEM...

FOR A CONTEMPORARY FACADE...SIDING INSTALLATION WITH NO VISIBLE FASTENERS

The perfect complement to the natural beauty of our Iron Woods premium grade exterior cladding profiles is our unique Vanish Clip System which brings a new found elegance to the art of both commercial and residential building envelopes and interior façade design and construction.

THE RAINSCREEN CONCEPT IS NOT NEW.

The concept of rainscreen or ventilated and back drained wall and soffit systems is not new. As far back as the 15th century the impact of moisture condensation behind exterior wall cladding on material performance and finishes has been well understood. Back-ventilated cladding and soffit systems allow moisture to evaporate more rapidly than closed systems improving the service life of building envelopes in environments that experience high winds and driven rain.

IRON WOODS CLADDING

Traditional closed cladding profiles like T&G, WP4, Ship lap and custom profiles are available by special order in the full range of Iron Woods species.



IRON WOODS VANISH RAINSCREEN... THE SMART CHOICE!

Iron Woods Vanish rainscreen brings a new found elegance and state of the art design to commercial and residential building and construction



...STATE OF THE ART IN WOOD FACADE DESIGN.

STATE OF ART DESIGN

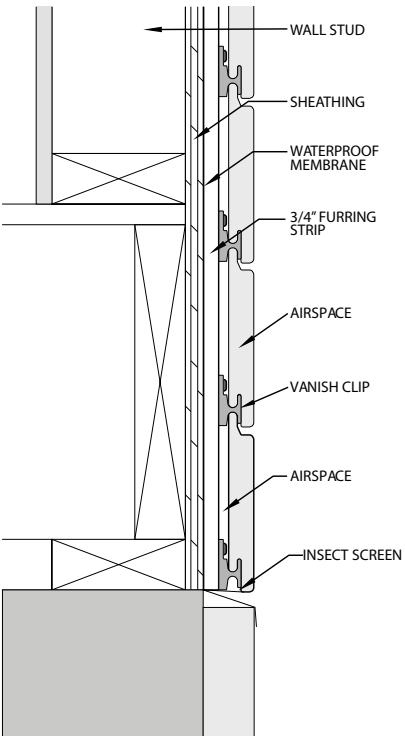
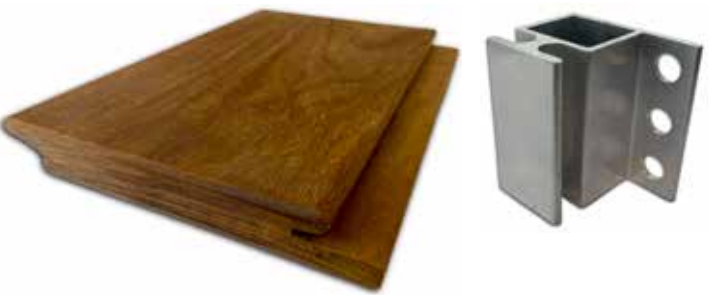
The Vanish Rainscreen System represents a significant leap forward in Rainscreen Design. Our unique Vanish Rainscreen Clips and Vanish Siding profile provide both horizontal and vertical ventilation also eliminating the appearance of fasteners from the building aesthetic which represents a significant improvement over traditional rainscreen applications. The Iron Woods Vanish Rainscreen System completely eliminates the need for face fastening.

IT'S NOT THAT SIMPLE!

It's not as simple as attaching a board to a wall with a clip. The Vanish Rainscreen System is designed, engineered and certified to meet wind load performance standards throughout the United States

VANISH™ PROFILE FASTENING CLIP

OUR UNIQUE CLIP SYSTEM VIRTUALLY VANISHES... providing a clean and appealing aesthetic appearance.



For more information... www.ironwoods.com/pdf-resource-library

SETTING THE STANDARDS IN HARDWOOD DECKING!



IRON WOODS... YOUR LEADING SOURCE FOR HARDWOOD DECKING

Iron Woods offers the largest selection of on-the ground and ready for shipment inventory. From truckloads to job lots, Iron Woods and our distribution partners have all of your needs covered.

NATURAL BEAUTY AND COMFORT

Iron Woods Hardwood Decking products deliver what PVC and capped composite decking manufacturers strive to achieve but cannot...the natural beauty of real hardwood with varying color and grain combined with superior strength, hardness, durability and fire resistance.

This natural variation of color and grain are some of the characteristics that make Iron Woods products so beautiful and desirable to designers, architects, builders and homeowners alike.

Add this natural beauty to the lower heat retention wood delivers over composites and you can enjoy the beauty of your deck every day of the year.



INSTALLATION ACCESSORIES ARE AVAILABLE

- Anchor Seal Wax Emulsion End Sealer
- EB-TY® Hidden Deck-Fastening System™
- Starborn® Color Matched, Pro-Plug Kit Fastening System
- Iron Woods Heavy-Duty Boardwalk and Bridge Deck Screws

TESTING AND ALLOWABLE DESIGN VALUES

Iron Woods established detailed written and visual grading rules which are the foundation for establishing appearance expectations, but more importantly, combined with mechanical properties testing provide for the generation of engineered Allowable Design Values which serve as the basis for the development of engineer stamped span and load tables. Our commitment to safety also includes certified fire and slip resistance testing.

TECHNICAL SUPPORT

Iron Woods provides our customers with an unmatched level of technical support. Decades of experience developing naturally durable hardwood solutions has resulted in the establishment of a technical bulletin library where our customers can find and document the answers they are looking for.

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