



**SETTING THE STANDARDS
IN HARDWOOD DECKING AND SIDING**

HARDWOOD DECKING & SIDING
PRODUCT GUIDE



THE IRON WOODS® BRAND DIFFERENCE!

WE SET THE STANDARDS!

Not all hardwoods are created equal. Iron Woods® has developed a set of grading and environmental standards and specifications in a category where none exist. Why? To ensure the strictest quality and environmental standards are followed throughout the sourcing and production process and to supply our customers with products of superior quality and consistency.

LEADERSHIP...FOR OVER 40 YEARS.

At the cornerstone of the Iron Woods® brand are the supply and distribution partnerships that we support by strictly enforcing the highest and most consistent quality manufacturing and environmental standards recognized by world markets today.

We only purchase timber from sources and organizations whose efforts support sound forest management practices and sustainability. When you specify Iron Woods®, you're not just buying a piece of wood. You are buying the peace of mind that comes from over 40 years experience in the durable wood products industry.

Our team of timber specialists strictly control product quality and environmental compliance from the forest floor to your door, which is why all Iron Woods® brand products are backed by certificates of inspection and environmental compliance as outlined in our Green By Nature Environmental Compliance Program.



IRON WOODS® IS THE ORIGINAL, LEADING BRAND OF REAL, NATURALLY DURABLE HARDWOOD PRODUCTS.

For over 30 years, superior quality and environmental accountability is what we are all about. With Iron Woods® branded products superior strength, hardness durability, and fire resistance have stood the test of time performing in commercial projects and backyards across America.



PREMIUM AD CUMARU

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 Garapa 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.

TIME TESTED

Over 40 years of proven performance in High Profile Commercial Applications Iron Woods like Ipe, Cumaru, Garapa and Red Balau are renowned for their natural resistance to everything nature can throw at them.

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.



PRODUCT AVAILABILITY

Product availability rough sawn full or nominal dimensions S4S or S4S E4E in the following dimensions:

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





PREMIUM KD 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 marine borers. It dries extremely well with little checking, twisting, or bow. Ipe can be used in ground contact and salt water 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 2" and thicker are air dried
COLOR	Rich, light to dark natural walnut brown color range that speaks to the beauty of real wood Weathers to silver-grey if left unfinished
GRAIN	Mixed medium to slightly coarse grain
FINISHING	Regular cleaning, brightening and refinishing with exotic hardwood oil to maintain or restore it's natural color
USES	Exterior architectural millwork, decking, porch flooring, cladding, rail, posts, timbers, trim, pergolas, furniture

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.



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 and milling defects not allowed.

DECKING & BOARDS - PREMIUM KD

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

DIMENSIONAL LUMBER - PREMIUM AD

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

Sold in random length tallies

POSTS & BALUSTER - PREMIUM GRADE AD

NOMINAL SIZE	ACTUAL SIZE	PROFILES	LENGTHS
2" x 2" AD	1-1/2" x 1-1/2"	BALUSTER	3' - 4' - 8'
4" x 4" AD	3-1/2" x 3-1/2"	S4S	8' - 16'

IPE TIMBERS - PREMIUM GRADE AD

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





DNA DARK RED BALAU

SPECIFICATIONS

PREMIUM GRADE	100% HEARTWOOD 100% CLEAR, no visible defects Graded on all faces and edges to allow for desired face selection
DRYING	All available dimensions are kiln dried and pre-stabilized Kiln dried decking is superior in appearance, stability, surface quality and finish penetration
COLOR	Rich, dark reddish-brown mahogany color range When left unfinished weathers to a natural silver-grey patina
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

Iron Woods® DNA Dark Red Balau is a beautiful and exceptionally durable hardwood specie that is preferred by deck builders for it's strength, extra hard density and high oil content. These superior properties make it ideal in withstanding extreme weather conditions. DNA Dark Red Balau has superior durability and physical properties when compared to other species in the Mahogany/Meranti family of woods.

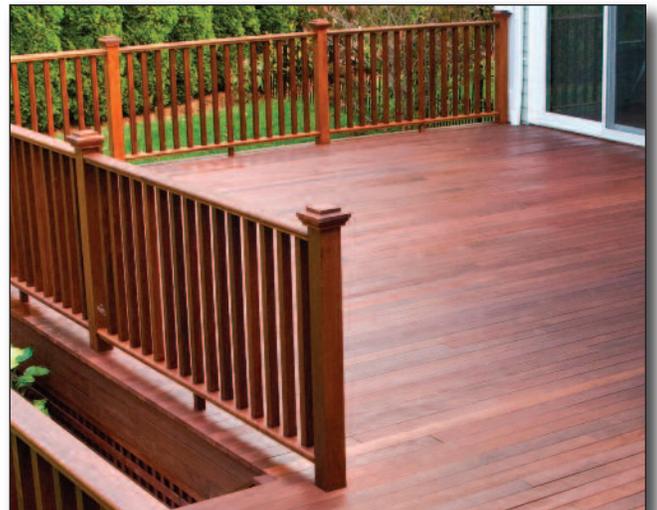
DNA Dark Red Balau is the first brand in the world to use DNA technology as part of the legal verification process. Every piece of our DNA Dark Red Balau is traceable back to known certified forests, verified by the Nature's Barcode™ system.

Iron Woods® DNA Dark Red Balau is a tropical species group native to Southeast Asia. It is highly resistant to shrinkage, splintering, checking, decay, rot and insect infestation.

PRODUCT AVAILABILITY

NOMINAL SIZE	ACTUAL SIZE	PROFILES	LENGTHS
1" X 4" KD	3/4" X 3-1/2"	S4S	8' - 18' EVEN
5/4" x 4" KD	1" x 3-1/2"	S4S	8' - 18' EVEN
5/4" x 6" KD	1" x 5-1/2"	S4S	8' - 18' EVEN
2" x 2" KD	1-1/2" x 1-1/2"	BALUSTER	3', 4', & 8'
2" x 4" KD	1-1/2" x 3-1/2"	S4S	8' - 18' EVEN
2" x 6" KD*	1-1/2" x 5-1/2"	S4S	8' - 18' EVEN
4" x 4" KD*	3-1/2" x 3-1/2"	S4S	8' - 12' EVEN

* Product from a different region, color will be lighter shade of red
Sold in random length tallies





PREMIUM KD 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 strong 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 weathering to a natural silver patina if left unfinished.

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

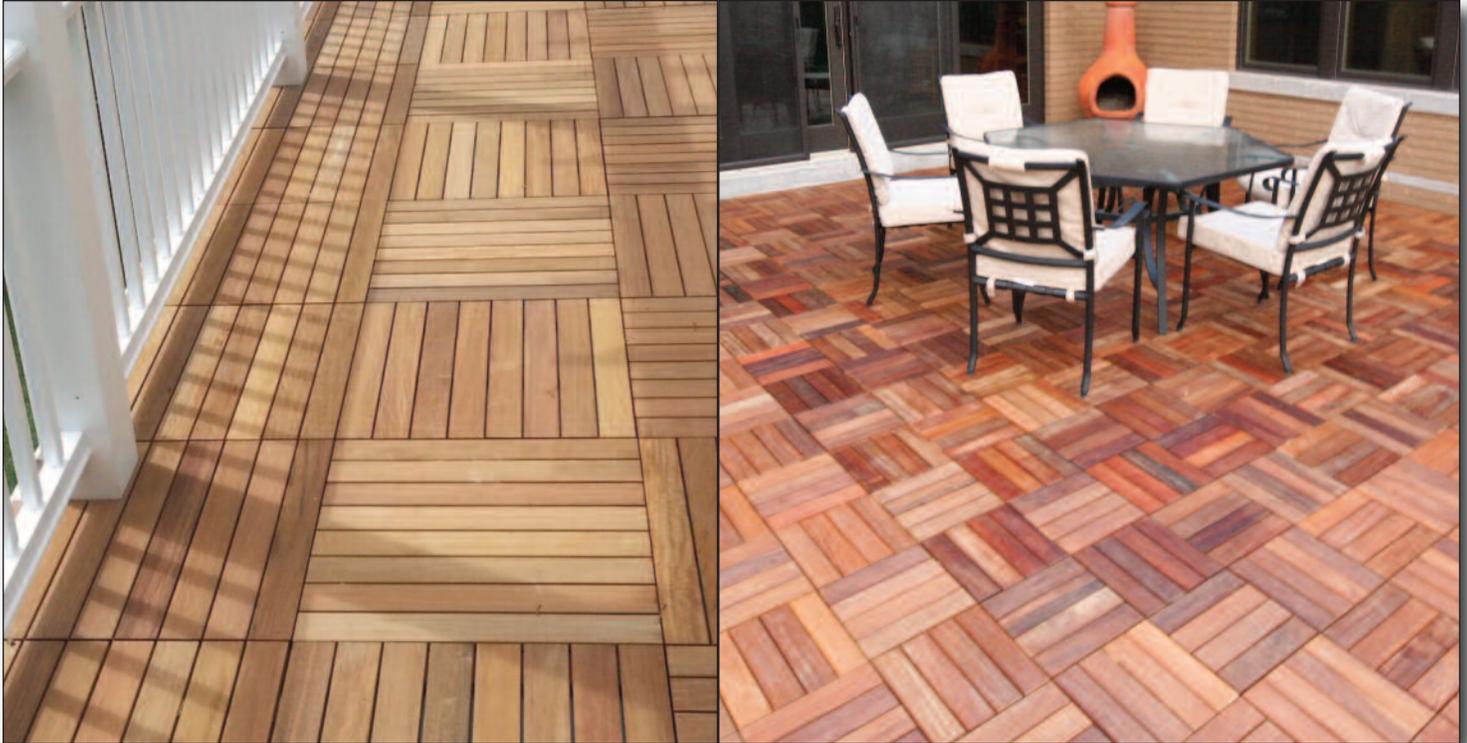
SPECIFICATIONS

PREMIUM GRADE	100% HEARTWOOD 100% CLEAR, no visible defects or sapwood streaks Graded on all faces and edges to allow for desired face selection
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 silver grey 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" KD	.75" X 3-1/2"	S4S	8' - 20' EVEN
5/4" x 6" KD	1" x 5-1/2"	S4S	8' - 20' EVEN
5/4" x 6" KD	1" x 5-1/2"	GROOVED	8' - 20' EVEN
2" x 2" KD	1-1/2" x 1-1/2"	BALUSTER	3'
2" x 4" KD	1-1/2" x 3-1/2"	S4S	8' - 20' EVEN
2" x 6" KD	1-1/2" x 5-1/2"	S4S	8' - 20' EVEN
4" x 4" AD	3-1/2" x 3-1/2"	S4S	8' - 12' EVEN





IRON WOODS® ROOF DECK TILE, DECKING AND PEDESTAL SYSTEM

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 or linear patterns depending on your taste. While setup is relatively easy, don’t let the simplicity fool you. This stuff is strong. Our Deck Tile System is made with world renowned Iron Woods®.

Deck Tiles are an ideal solution for any indoor or outdoor area, including four season rooms, 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. Also easy to remove and re-install should you need to access under the deck for any reason.

NEW DECK CONSTRUCTION

Iron Woods® recommends double stringers at 12" or 24" on center for use with conventional Iron Woods® Decking or Deck Tiles. This always gives you two joists for superior butt joints. This eliminates all the transition problems associated with butt joints.

POORLY VENTILATED DECKS

Ideal solution for poorly ventilated decks like covering a roof or old ugly concrete patio. Iron Woods® Deck Tiles can also be used to build new conventional stringer decks saving significant installation time and cost. 5/4" X 4" Conventional decking or deck tiles are recommended for poorly ventilated or roof deck applications.

PRODUCT AVAILABILITY

ACTUAL SIZE*

12" x 12"	24" x 48"
24" x 24"	24" x 72"

*1-1/2" Thickness

PEDESTAL OPTIONS

Several pedestal options are available based on surface and elevation requirements. Elevations pedestals can be utilized for projects that require tile elevation heights from 1-3/4" up to 36" and loads up to 2000lbs per pedestal. Elevations pedestals include features that add greatly to performance, ease of installation, and stability for your roof deck system application.

EPDM FIXED HEIGHT NOISE REDUCTION (NOT SELF LEVELING)

The EPDM rubber pedestal is a flexible deck tile support that allows tiles to follow the natural contour of the roof. This 1/4" fixed height pedestal incorporates spacer tabs. The flexible EPDM rubber is resistant to environmental deterioration and is safe for direct contact with the roof surface. Additionally, it has sound deadening qualities and creates a soft feel for walking.

START 3/8 - 9/16"

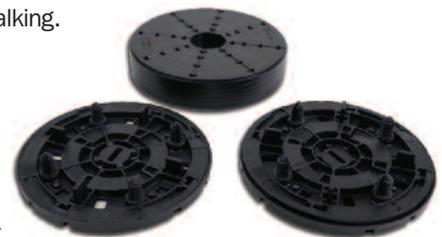
ADJUSTABLE (NOT SELF-LEVELING)

Elevations New Star Pedestal System provides

a unique solution when your

project requires pedestals under

1-1/4". The Star T Pedestals unique design and key slot provides post installation micro adjustment from 3/8" to 9/16"



SCREW JACK SELF LEVELING WITH PINS 1.25" TO 22"

SCREW JACK SELF LEVELING WITH JOIST HEAD 1.25" TO 22"

Elevations Self Leveling Pedestals with built in slope compensation offer a uniquely simple solution.

The system, combines Supporting Base, Extension, Screw Jack self leveling Head options which generate

pedestal heights from 1.125" to 21.75" and

compensates slopes from 5/32" to 1/2" (0% to 5%)

per foot of slope. Pedestals are placed on a 24" grid pattern. For more information go to www.ironwoods.com





VANISH RAIN SCREEN AND SOFFIT SYSTEM

FOR A CONTEMPORARY BACK VENTILATED RAIN SCREEN SYSTEM... WITH NO VISIBLE FASTENERS.

State of the art design. The Vanish Rain Screen System represents a significant leap forward in Rain Screen Design. Our unique Vanish Rain Screen™ Clips and Vanish™ Siding profile provide both horizontal and vertical ventilation while eliminating the appearance of fasteners from the building aesthetic which represents a significant improvement over traditional rain screen applications. Free floating design allows cladding to move without putting pressure on the fastener connection points. Our unique clip system virtually *vanishes* providing a clean and appealing aesthetic appearance.



IT'S NOT THAT SIMPLE!

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

IRON WOODS® CLADDING

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



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

IRON WOODS® VANISH RAIN SCREEN... THE SMART CHOICE!

IRON WOODS® VANISH RAIN SCREEN BRINGS A NEW FOUND ELEGANCE
AND STATE OF THE ART DESIGN TO COMMERCIAL AND RESIDENTIAL
BUILDING AND CONSTRUCTION



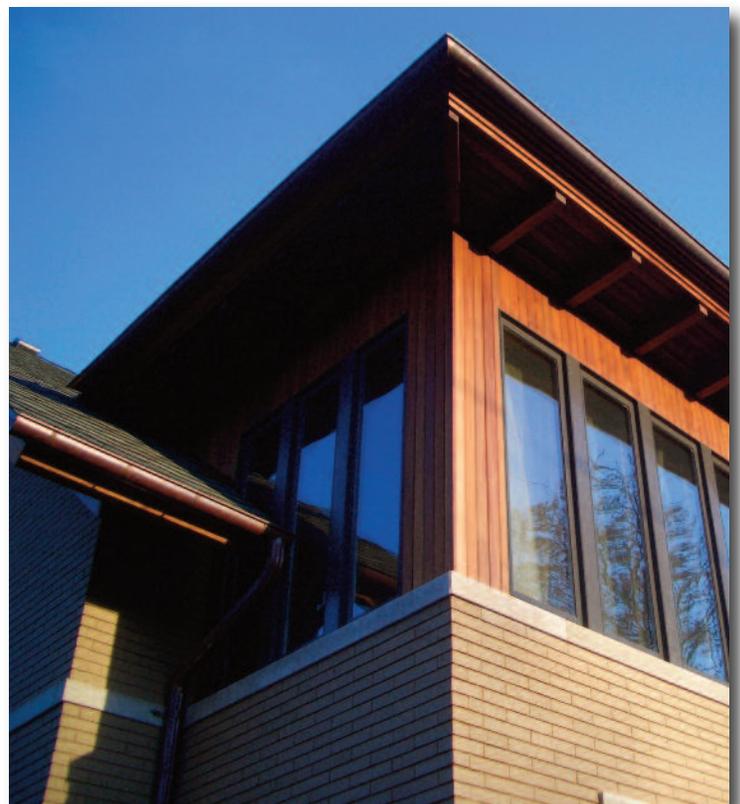
TIMBER HOLDINGS
USA
IRON WOODS

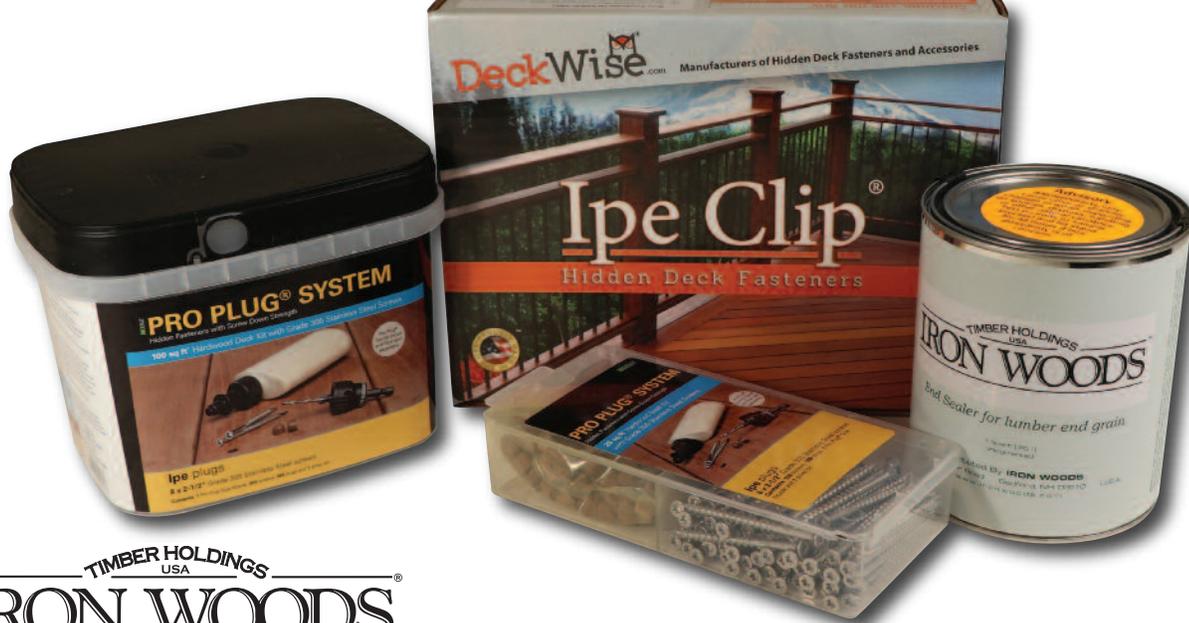
EXTERIOR ARCHITECTURAL MILLWORK

CUSTOM ARCHITECTURAL MILLWORK

Custom Architectural Millwork can be run from any of our stock dimensions and species.

Ask your dealer for available profile and pattern options or design your own.





SETTING THE STANDARDS IN HARDWOOD DECKING!

TIMBER HOLDINGS...YOUR LEADING SOURCE FOR HARDWOOD DECKING

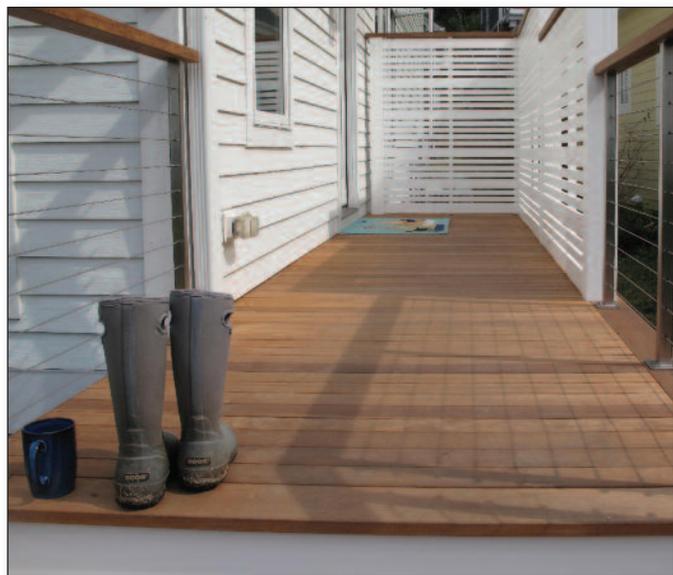
Timber Holdings offers the largest selection and deepest inventory on-the-ground and ready shipment. From truck loads to job lots, Timber Holdings and our distribution partners have all of your needs covered.

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

ANCHOR SEAL

Anchorseal creates a wax barrier that protects against end checking and is the best quality and most stable wax emulsion end sealer available.

DECKWISE SCREWS AND HIDDEN FASTENERS

DeckWise offers the highest quality Trim Head Deck Screws and Hidden Fastener Clips for use with hardwood decking. Their highest grade pre-drilling required T316 Stainless steel screws are available uncoated or with color coated heads. They also offer a heat treated T305 self-drilling screw option that cuts through ipe like butter with no twist off. Both screw options work well with their Extreme series hidden fastener clips.

IPE PRO PLUG KIT

Designed to countersink and set screws to allow the use of their unique tapered hardwood plugs, Pro Plug creates a unique boat deck style aesthetic.

IRON WOODS® BOARDWALK SCREWS

Iron Woods offers heavy duty Boardwalk and Bridge deck screws.

BEST INSTALLATION PRACTICES

- Ventilation and air flow under and around hardwood decking is important to improve product stability and performance. Air should always be allowed to flow freely from outside and under the deck. This will help prevent cupping and warping of deck boards.
- When face fastening always gap boards 1/8" to 1/4" to allow for drainage, proper airflow to control expansion and contraction.
- Always pre drill holes for any type of face fastening.
- Always apply Anchor Seal to all cuts to minimize checking
- Always use high grade 316 stainless steel fasteners to prevent the possibility of staining prevalent with lower grade stainless or other type fasteners..

For detailed installation instructions and answers to frequently asked questions please refer to www.ironwoods.com

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USA

IRON WOODS®

For Additional Product Information, Complete Comprehensive Installation Best Practices, Technical Bulletins, Specification Language, Section Details, Grading Rules, Environmental Certification, Education, Answers To Frequently Asked Questions and so much more.

Please visit us at www.ironwoods.com

The screenshot shows the Iron Woods website homepage. The browser address bar displays 'ironwoods.com'. The page has a green header with the Iron Woods logo and navigation links: HOME, DECKING, RAILING, SIDING, ARCHITECTURAL MILLWORK, LUMBER & TIMBERS, and GALLERY. Below the header, there is a green banner with text describing the brand and a smaller Iron Woods logo. The main content area features a large image of a wooden boardwalk along a beach. Below the image, there are three columns of featured products, each with a title and a list of items.

Iron Woods is the original, leading brand of naturally durable wood products. Favored by design professionals and consumers alike, the Iron Woods brand has become synonymous with commitment to superior quality and environmental accountability. Our product's strength, hardness and durability have been proven again and again in demanding commercial applications like the famous Atlantic City and Coney Island Boardwalks and in backyards across America. Not all hardwoods are created equal. [Learn more about the Iron Woods difference...](#)

TIMBER HOLDINGS
USA

IRON WOODS

North America's #1 source for Naturally Durable Hardwood Decking, Siding, Lumber and Timbers.

IRON WOODS DECKING

- IPE DECKING
- GARAPA DECKING
- CAMBARA DECKING
- VANISH DECKING
- DOCK DECKING
- POST, RAIL & STAIR

DECK TILES

- IRON WOODS DECK TILES
- ELEVATIONS ROOF DECK SYSTEM

IRON WOODS EXTERIOR SIDING

- IRON WOODS SIDING
- VANISH RAIN SCREEN

ARCHITECTURAL COMPONENTS

- SOFFIT, PANELING, CEILING, TRIM
- MOULDINGS & MILLWORK
- FURNISHINGS & COMPONENTS
- BRIDGE COMPONENTS
- SIGHT & SOUND BARRIERS
- LUMBER & TIMBERS

FEATURED PRODUCTS