

lastra  
DI LEGNO

LIVE EDGE



# lastra

DI LEGNO

LIVE EDGE WOOD SLABS FOR INTERIOR DESIGN  
TAVOLE DI LEGNO A BORDO VIVO "LIVE EDGE" PER L'INTERIOR DESIGN

**MWARED**  
LIMITED. \ ARCHITECTURAL FITOUT





DESIGNED BY OUR GREATEST DESIGNER,  
MOTHER NATURE HERSELF.

IDEATO DAL NOSTRO Più GRANDE PROGETTISTA: MADRE NATURA







GUIDE

TO WOOD SLABS



Live Edge Slabs are wood in its raw form and with that form comes beauty, warmth and unrivaled individuality.

Each slab is second to none.

The Slabs are flat sawn from logs, tree trunks, and contain various characteristics such as voids, knots, checks, and splits. These characteristics contribute to a truly unique slab.

Wood Slabs are great choice for vibrant design that brings the interior of any space to life.

Slabs serve a wide variety of purposes including Table tops, Counter tops, Benches, Coffee Tables, Bed Head boards, Shelves, and many other applications.

Slabs can be squared for straight edges or left with their natural waney edges. One full slab can be used in its original size or it could be cut to suit a particular requirement .

Le tavole a bordo vivo sono legno grezzo e, da questa forma, ne deriva bellezza, calore ed un'individualità senza rivali.

Ogni tavola non è seconda a nessun'altra.

Le lastre vengono segate piatte dai tronchi degli alberi e contengono varie caratteristiche, come dei buchi, dei nodi, delle screpolature o delle spaccature. Tali caratteristiche contribuiscono all'autenticità ed unicità della tavola.

Le tavole di legno sono una grandiosa scelta per un design vivace che porta alla luce l'interior design di ogni spazio.

Le tavole vanno incontro a svariate esigenze tra cui : basi per tavoli, basi per banconi, panchine, tavoli delle caffetterie e bar, testate dei letti, scaffali e molto altro.

Le tavole possono essere squadrate con margini dritti oppure possono essere lasciate con i loro margini naturali. Una tavola intera può essere utilizzata nella sua forma originale oppure può venire tagliata per esigenze particolari.



P R O C E S S I N G

F R O M L O G T O S L A B





The giant logs are carried by special lifting equipment and placed on a leveled carriage prior to sawing.

Live edge slabs are cut in full width through the log leaving the edge of the log intact during the milling process, highlighting the natural beauty and figure of the wood.

This method accentuates the grain and color in the log, simultaneously producing wide boards.

The real value of a log cannot be estimated unless the log is sawn through and through and the gems inside, whether they exist or not, are revealed.



I tronchi giganti vengono trasportati con una speciale attrezzatura di sollevamento e vengono sistemati su un carrello per la prima fase di segazione.

Le tavole a bordo vivo vengono tagliate per tutta la larghezza del tronco, lasciando, durante il processo di fresatura, il bordo del tronco stesso intatto, sottolineando, così la naturale bellezza e forma del legno.

Questo metodo accentua la venatura e il colore del tronco, creando, allo stesso tempo, ampie bordature.

Il valore reale di un tronco non può essere stimato fintantoché il tronco non viene segato fino in fondo, finché, qualora ve ne fossero, le sue gemme non si saranno rivelate.





T A G G I N G & B A G G I N G

S O U R C E T O A T E L I E R



Once dry, slabs are packed back into the original log configuration, forming what is referred to as a boule.

Slabs taken from one log are given consecutive serial number for ease of book matching when needed .

When all slabs are tagged and put back in form of logs, each log is strapped and packed as one unit, put on pallet ready for loading in containers, sometimes open top containers.

When cargo is unloaded at the site of the atelier, slabs are layed apart from each other for air circulation around all sides of slabs allowing surface moisture gained during shipping to leave the wood so the MC resorts back to normal wood working level.

Una volta essiccate, le tavole vengono impacchettate seguendo la configurazione originale del tronco, formando ciò che viene definito "boule".

Alle tavole provenienti dallo stesso tronco, viene conferito un numero in serie per facilitare la sistemazione a libro, quando necessaria.

Quando tutte le tavole vengono etichettate e riportate alla forma di tronco, ciascun tronco viene legato e impacchettato come unità singola, sistemato su un pallet pronto per essere caricato su un container, talvolta container aperti.

Quando, presso l'atelier, il carico deve essere spedito, le tavole vengono sistemate ad una certa distanza l'una dall'altra, affinché l'aria possa circolare su tutti i lati, permettendo all'umidità formatasi sulla superficie durante la spedizione di essere eliminata, affinché il tasso di umidità del legno possa tornare al livello appropriato per la lavorazione.

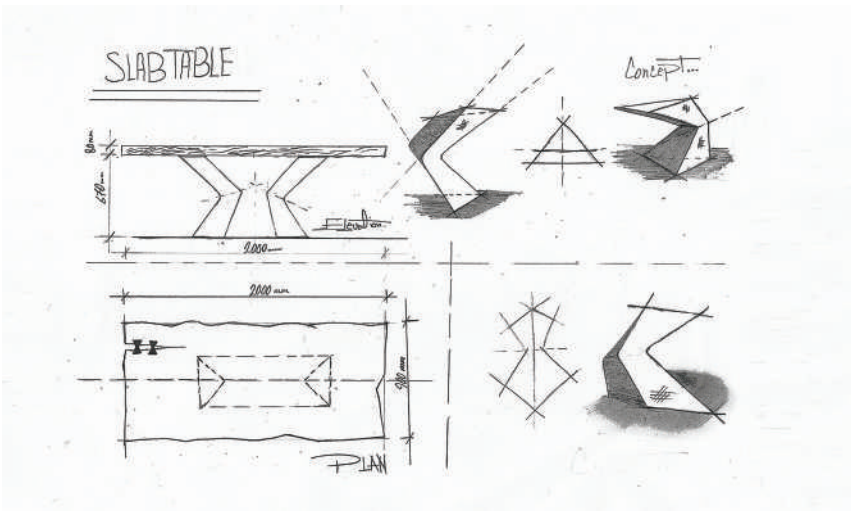




T R A N S F O R M A T I O N

A T T H E A T E L I E R

The transformation of a slab into a fine piece of furniture is a lengthy and thorough process that requires stages of planning and preparation before the final finishing of a one of a kind masterpiece.



#### Plans:

With the final slab size in hand and the final intended purpose in mind the plans are laid out.

#### Progetti:

Con la misura finale della lastra in mano e l'idea del suo utilizzo finale in mente, si stende un progetto.

Viene condotto uno studio per definire i dettagli.

E, prima che il progetto prenda forma, le misure del design finale e del colore selezionato, devono essere ben chiari.

#### Planing & Cleaning of Edges:

When wood dries it can warp or cup depending on how the growth rings curve relative to the cut edges. Planing the surface of the slab is time consuming but essential. a combination of Hand planing and the use of large specialised planing machines are employed to achieve the desired result.

Some furnitures peices are done with straight slab edges some are done with waney edges without bark and some are done with the bark left intact. Removal of or cleaning bark is a delicate procedure that requires an experienced and light working hand.

#### Piallatura E Ripulitura Dei Bordi:

Quando il legno si asciuga, si può deformare o curvarsi a forma di coppa, a seconda di come gli anelli di crescita si curvano relativamente al taglio dei bordi. Piallare la superficie della tavola è una perdita di tempo necessaria: la combinazione di piallatura manuale e l'utilizzo di piallatrici di precisione utilizzate per ottenere il risultato desiderato.

#### Examining Slabs:

A detailed study is performed on every slab in order to decide how knots, splits and checks are to be dealt with.

Thus ensuring the final results is aesthetically pleasing.

#### Analisi Delle Tavole:

Per ogni tavola viene effettuato uno studio dettagliato al fine di decidere come gestire nodi, rotture e spaccature. Dunque, assicurare il risultato finale è esteticamente soddisfacente.



#### Working With a Slab:

Upon close and thorough inspection of a slab with customer's requirements and preferences in mind, the preparation of the slab in its final size commences.

According to design requirements, resin is used either to fill a void in the slab or to create new volume dimensions.

Resin can be purely transparent or colored.

If you like glass inlays, river - like glass inlays can be integrated in the table design to create an effect of a river stream running through the table top.

#### Lavorazione Di Una Tavola:

Attraverso un'analisi approfondita della tavola, tenendo conto delle richieste e preferenze del cliente, inizia la preparazione della tavola nella sua forma definitiva.

Concordemente alle richieste del progetto, vengono utilizzate resine naturali per riempire gli spazi vuoti della tavola, o per creare nuovi volumi.

Le resine trasparenti possono essere trasparenti pure o colorate.

Se vi piacciono i vetri intarsiati, posso essere inseriti nel design del tavolo degli intarsi di vetro simili a fiumi, per creare l'effetto di un fiume che scorre attraverso la base del tavolo.





S P E C I E S

W O O D S L A B S

# Acacia

Common names: Acacia, Monkeypod, Raintree

Scientific name(s): Samanea Saman, Albizia Saman

Commercial Restriction: No

Wood Description:

Color:	Golden to dark brown
Sapwood:	Clearly demarcated
Texture:	Medium
Grain:	Straight to interlocked
Interlocked Grain:	Slight

Physical Properties:

Avg. Dried Weight	38 lbs/ft <sup>3</sup> or 600 kg/m <sup>3</sup>
Specific Gravity	0.48 to 0.60
Janka Hardness	900 lbf or 4,010 N
Modulus of Rupture	9,530 lbf/in <sup>2</sup> or 65.7 Mpa
Elastic Modulus	1,149,000 lbf/in <sup>2</sup> or 7.92 Gpa
Crushing Strength	5,790 lbf/in <sup>2</sup> or 39.9 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard.

Crushing strength medium.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Durable



ASIA

Acacia (Albizia Saman, Monkeypod or Rain tree) grows indigenously in South East Asia

One of the more widely used species for live-edge tables as it has a striking variety of colors and unpredictable grain pattern present in nearly every board. These features make it an eye-catching center piece that will definitely be brought up many times in conversation.

We have selected only the best pieces retaining the true to nature free-form coupled with a functional average width of 95cm. Select a piece and bring a piece of nature into your home.

## ACACIA:

Acacia (Albizia Saman, Monkeypod o Rain Tree) cresci nell'area dell'Asia sud orientale. Una delle specie più ampiamente utilizzate nelle tavole a bordo vivo, in quanto essa possiede una sorprendente varietà di colori e venature imprevedibili, presenti praticamente in ogni tavola. Tali caratteristiche ne fanno un accattivante opera, oggetto di molte conversazioni.

Abbiamo selezionato solo i pezzi migliori, conservandone la forma naturale insieme a una larghezza media funzionale di 95cm. Scegliete il vostro pezzo e portate un pezzo di natura in casa vostra.







# Afrormosia

Common names: Afrormosia, Assamela

Scientific name(s): Pericopsis Elata

Commercial Restriction: Species requires CITES certification.

Wood Description:

Color:	Yellow Brown
Sapwood:	Clearly demarcated
Texture:	Fine
Grain:	Straight or interlocked
Interlocked Grain:	Slight

Note: Wood yellow brown turning dark on exposure.

Physical Properties:

Specific gravity	0.74	0.07
Monnin Hardness	7.0	1.50
Fiber Saturation Pt.	20%	
Crushing Strength	64 MPA	2 MPA
Static Bending Str.	93 MPA	22 MPA
Modulus of elasticity*	13140MPA	966 MPA

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from hard to very hard.

Crushing strength medium.

Natural Durability and Treatability:

Funghi*	Class 1 / 2 – Very durable
Dry wood borers*	Durable – Risk limited to sap.
Treatability*	Class 4 – Not Permeable
Use Class, by natural durability*	Class 4 – In ground or water cont.
Termites*	Class D – Durable

(\*: According to European Norm standards)



AFRICA

Afrormosia is known as an alternative to teak (*tectona grandis*), with its golden to dark brown coloration. However, it's a little known fact that in many applications Afrormosia is more well suited than teak.

When a rich uniform appearance is required with 1st class technical properties then Afrormosia is certainly your timber of choice.

We have some truly unbelievable Figured Live-Edge Afrormosia slabs in stock that will give your home that warm feeling you've been missing. With widths ranging from 80cm to 1.40mt and lengths from 2.20mt to 4.40mt you will definitely be able to fill any space.

## AFRORMOSIA:

L'Afrormosia è noto come alternativa del teak (*tectona grandis*), con la sua colorazione dal dorato al marrone scuro. Tuttavia, è poco noto che in molte applicazioni l'Afrormosia sia assai migliore del teak.

Quando viene richiesta grande uniformità, con caratteristiche tecniche di prima classe, l'Afrormosia è sicuramente il legno giusto.

Abbiamo alcune fantastiche tavole a bordo vivo con disegno in Afrormosia che conferiranno alla vostra casa quella sensazione di calore che mancava. Con larghezze dagli 80 cm ai 1.40 mt e lunghezze dai 2.20 mt ai 4.40 mt, sarete certamente in grado di riempire ogni spazio vuoto.









# Bubinga

Common names: Bubinga, Kevazingo

Scientific name(s): Guibourtia Demeusei  
 Guibourtia Pellegriniana  
 Guibourtia Tessmannii

Wood Description:

Color: Red Brown  
 Sapwood: Clearly demarcated  
 Texture: Medium  
 Grain: Straight or interlocked  
 Interlocked Grain: Slight

Physical Properties:

	Mean	Std. Deviation
Specific gravity	0.92	0.12
Monnin Hardness	10.2	2.2
Fiber Saturation Pt.	24%	
Crushing Strength	76 MPA	10MPA
Static Bending Str.	137 MPA	38MPA
Modulus of elasticity*	20180 MPA	5592 MPA

(\*: at 12% moisture content, with 1MPA = 1N/mm<sup>2</sup>)

Note: Hardness varies from hard to very hard.

Crushing strength from medium to high.

Natural Durability and Treatability:

Funghi*	Class 2 – Durable
Dry wood borers*	Durable – risk limited to sap.
Treatability*	Class 4 – Not Permeable
Use Class, by natural durability*	Class 4 – In ground or water cont.
Covering the use class 5*	No

(\*: According to European Norm standards)



AFRICA

Bubinga (Kevazingo) is a highly prized timber throughout the world, not only for its beauty but also for its physical properties.

The species has rich reddish tones that are laced with darker annual rings that can produce striking flatsawn surfaces. Perfect for an eye catching solid wood table-top. Size is definitely not an issue, with individual slabs reaching widths of up to 1.80mt and lengths up to 6.0mt.

A well-finished table can achieve a glass like luster and it is not uncommon to find boards with some figure in them. A solid live-edge Bubinga table will surely be the center of attention in your home or office.

Il Bubinga (Kevazingo) è un legno di grande valore, apprezzato in tutto il mondo, non solo per la sua bellezza, ma anche per le sue caratteristiche fisiche.

## BUBINGA:

La specie ha delle ricche tonalità rossastre che si intrecciano con anelli annuali più scuri che possono produrre delle sorprendenti superfici. Perfette per un accattivante tavolo in legno massiccio.

La misura non è sicuramente un problema, con tavole singole che raggiungono larghezze fino a 1.80 mt e lunghezze fino a 6.0 mt.

Una tavola ben rifinita può ottenere una lucentezza come quella del vetro e non è raro trovare tavole che sembrano avere dei disegni. Un tavolo a bordo vivo di Bubinga massiccio sarà sicuramente al centro dell'attenzione a casa vostra o nel vostro ufficio.







# Cedar

Common names: Cedar, Cedro

Scientific name(s): Cedrus Libani

Commercial Restriction: IUCN Red list, legal timber from plantations.

Wood Description:

Color:	Cream to light reddish brown
Sapwood:	Clearly demarcated
Texture:	Medium
Grain:	Straight, knots frequently present.
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	32 lbs/ft <sup>3</sup> or 520 kg/m <sup>3</sup>
Specific Gravity	0.41 to 0.52
Janka Hardness	820 lbf or 3,670 N
Modulus of Rupture	11,890 lbf/in <sup>2</sup> or 82.0 Mpa
Elastic Modulus	1,465,000 lbf/in <sup>2</sup> or 10.10 Gpa
Crushing Strength	6,090 lbf/in <sup>2</sup> or 42.0 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard.

Crushing strength medium.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Very Durable



EUROPE

Cedar Of Lebanon (Cedrus Libani) has been mentioned throughout history and has stood the test of time.

Widely considered one of the best Cedar species available today as a result of a combination of good physical properties and aesthetic value.

We are proud to stock a great variety of dimensions of Cedar of Lebanon Live-edge slabs. From coffee table to conference table, full of character or almost completely clear, we have you covered.

## **CEDRO:**

Il cedro del Libano (Cedrus Libani) è stato menzionato in tutta la storia ed ha superato la prova del tempo.

Ampiamente considerato una delle migliori specie di Cedro disponibili attualmente, è il risultato della combinazione di buone proprietà fisiche e valore estetico.

Siamo orgogliosi di avere a disposizione un'ampia varietà di dimensioni di tavole a bordo vivo di Cedro del Libano. Dai tavoli da bar caffetterie ai tavoli da conferenza, ricchi di particolarità oppure quasi completamente puliti, possiamo soddisfare tutte le vostre esigenze.



# Chestnut

Common names: Chestnut, Sweet Chestnut, European Chestnut

Scientific name(s): *Castanea sativa*

Commercial Restriction: No

Wood Description:

Color:	Light brown to medium brown
Sapwood:	Clearly demarcated
Texture:	Coarse
Grain:	Straight or interlocked
Interlocked Grain:	Slight

Physical Properties:

Avg. Dried Weight	37 lbs/ft <sup>3</sup> or 590kg/m <sup>3</sup>
Specific Gravity	0.50 to 0.59
Janka Hardness	680 lbf or 3,010 N
Modulus of Rupture	10,360 lbf/in <sup>2</sup> or 71.4 Mpa
Elastic Modulus	1,248,000 lbf/in <sup>2</sup> or 8.61 Gpa
Crushing Strength	6,360 lbf/in <sup>2</sup> or 43.8 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard.

Crushing strength medium.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Moderately Durable
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Moderately Durable



EUROPE

Sweet Chestnut is an attractive blonde timber to have as a live-edge slab table. The species grows large enough for us to have been able to attain slabs up to 1.10mt width with a length of 4.0mt.

The heartwood darkens with age resulting in some discoloration present throughout the slab with large knots being present on some boards. All of these features give the slab more depth and character that you will feel in your home.

## CASTAGNO:

Il castagno è un invitante legno biondo per i tavoli a bordo vivo.

Questa specie cresce con una larghezza sufficiente per diventare una tavola, fino a 1.10 mt di larghezza, con una lunghezza di 4.0 mt.

Con il tempo, il durame si scurisce, apportando una sorta di decolorazione in tutta la tavola, in alcune con grossi nodi. Tutte queste caratteristiche conferiscono alla tavola un senso di maggiore profondità e unicità, che vorrete assaporare a casa vostra.





# Jackalberry

Common names: Jakkalbessie

Scientific name(s): Mespiliformis Ebenacea

Commercial Restriction: No

Wood Description:

Color:	Light brown to medium brown
Sapwood:	Clearly demarcated
Texture:	Fine
Grain:	Straight or interlocked
Interlocked Grain:	Slight

Physical Properties:

Avg. Dried Weight	750kg/m3
Specific Gravity	0.75
Janka Hardness	1,410 lbf or 6,280 N
Modulus of Rupture	15,930 lbf/in2 or 109.9 Mpa
Elastic Modulus	1,746,000 lbf/in2 or 12.04 Gpa
Crushing Strength	8,750 lbf/in2 or 60.4 Mpa

(\*: at 12% moisture content, with 1MPA = 1N/mm2)

Note: Hardness varies from medium to hard

Crushing strength medium

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Very Durable
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Durable



AFRICA

Jackalberry wood is found in Southern and Eastern Africa and is part of the Ebenacea family of timbers.

The heartwood is fine-grained and has great variation in color from reddish brown to black. These features coupled with the fact that the widths are in excess of 70cm make this an excellent species to make your live-edge table from.

Each piece has its own "fingerprint" as when the tree is felled the sap causes stains or blotches to appear on the heartwood. This feature makes this species truly unique, as the same pattern will never be repeated.

## JACKALBERRY:

Il legno Jackalberry si trova nell'Africa meridionale e orientale e fa parte della famiglia delle Ebanaceae.

Il durame ha una venatura sottile ed ha una grande varietà di colori, dal marrone rossastro al nero. Tali caratteristiche si uniscono al fatto che le larghezze sono in eccesso di 70 cm, facendone una specie eccellente per le nostre tavole a bordo vivo.

Ciascun pezzo ha la propria "impronta digitale", in quanto, nel momento in cui la pianta viene abbattuta, la sua linfa crea macchie e macchioline, che appaiono sul durame. Questa caratteristica rende questa specie veramente unica, in quanto non si ripeterà mai lo stesso disegno.



# Kiaat

Common names: Kiaat, Muninga

Scientific name(s): *Petrocarpus angolensis*

Commercial Restriction: IUCN near threatened

Wood Description:

Color:	Vary widely from golden brown to reddish brown
Sapwood:	Clearly demarcated
Texture:	Medium
Grain:	Straight or interlocked
Interlocked Grain:	Slight

Physical Properties:

Avg. Dried Weight	38 lbs/ft <sup>3</sup> or 605 kg/m <sup>3</sup>
Specific Gravity	0.59 to 0.60
Janka Hardness	1,360 lbf or 6,050 N
Modulus of Rupture	14,250 lbf/in <sup>2</sup> or 98.2 Mpa
Elastic Modulus	1,267,000 lbf/in <sup>2</sup> or 8.73 Gpa
Crushing Strength	8,020lbf/in <sup>2</sup> or 55.3 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard.

Crushing strength medium.

Natural Durability and Treatability:

Funghi	Durable
Dry wood borers	Durable– Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Durable
Termites	VeryDurable



AFRICA

Kiaat is a species of timber only found in Southern and Central Africa.

Prized for its remarkable stability as a species, as well as its striking appearance due to a great variation of colors appearing in the heartwood, from reddish brown to black with sharply contrasting white sapwood.

These features combined with its good width profile ranging from 80cm to 1.10mt make it the perfect species for your next live-edge table.

## KIAAT:

Il Kiaat è una specie di legno che si trova solo in Africa meridionale e centrale.

Apprezzato per la sua stabilità eccezionale e per il suo aspetto impressionante, dovuti ad un' ampia varietà di colori nell'alburno, dal marrone rossastro al nero, con un grande contrasto con il bianco alburno.

Queste caratteristiche, insieme alla sua larghezza che varia dagli 80 cm al 1.10 mt, lo rendono la specie perfetta per il vostro prossimo tavolo a bordo vivo.



# Leadwood

Common names: Leadwood

Scientific name(s): Combretum Imberbe

Commercial Restriction: No

Wood Description:

Color:	Rich reddish to dark brown
Sapwood:	Clearly demarcated
Texture:	Fine
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	76 lbs/ft3 or 1220 kg/m3
Specific Gravity	0.96 to 1.22
Janka Hardness	3,570 lbf or 15,880 N
Modulus of Rupture	20,960 lbf/in2 or 144.5 Mpa
Elastic Modulus	2,494,000 lbf/in2 or 17.20 Gpa
Crushing Strength	9,950lbf/in2 or 68.6 Mpa

(\*: at 12% moisture content, with 1MPA = 1N/mm2)

Note: Hardness varies from hard to very hard.

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Durable



AFRICA

Leadwood, as its vernacular name suggests is a very heavy & dense hardwood. Its fine grain makes it highly sought after for turning applications as it finishes smooth like glass.

The heartwood is dark brown to black in color with varying shades being present throughout the board and often figured. With the white colored sapwood creating a contrasting border and accentuating the dark heartwood appearance it is surely a centerpiece one cannot do without.

## LEADWOOD:

Il Leadwood, come suggerisce il suo nome folkloristico, è un legno molto pesante e denso. La sua venature sottili lo rendono particolarmente richiesto per le applicazioni di tornitura, in quanto rimane liscio come il vetro.

Il colore del durame va dal marrone scuro al nero, con varie sfumature in tutta la tavola, spesso con figure. Insieme al bianco dell'alburno crea un contrasto che accentua l'aspetto scuro del durame, rendendolo un pezzo unico di cui non ci si possa privare.



# Mappa Burl

Common names: Poplar Burl, Mappa Burl, Black Poplar

Scientific name(s): Populus Nigra

Commercial Restriction: No Restriction

Wood Description:

Color:	Light Brown
Sapwood:	Not clearly demarcated
Texture:	Medium
Grain:	Straight or interlocked
Interlocked Grain:	Slight

Physical Properties:

Avg. Dried Weight	24 lbs/ft <sup>3</sup> or 385kg/m <sup>3</sup>
Specific Gravity	0.31 to 0.39
Janka Hardness	460 lbf for 2,020N
Modulus of Rupture	9,230 lbf/in <sup>2</sup> or 63.7 Mpa
Elastic Modulus	1,045,000 lbf/in <sup>2</sup> or 7.21 Gpa
Crushing Strength	5,220lbf/in <sup>2</sup> or 36.0 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from soft to medium.

Crushing strength medium.

Natural Durability and Treatability:

Funghi	Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Not Durable
Termites	Not Durable



EUROPE

Mappa Burl or Poplar burl is highly sought after, especially in solid form as most logs are used exclusively for the production of veneer.

We have been fortunate enough to source some rather exceptional Mappa Burl Live-edge slabs.

All of our Mappa Burl slabs have been cut to 80mm thickness to allow for extra stability and we have pieces ranging from 50cm to 1.25mt wide with lengths from 1.00mt to 3.60mt.

This species is full of character, with contrasting shades of gold and often quilted grain it is truly a breathtaking sight to behold a Mappa Burl Live-Edge slab.

## **RADICA MAPPA O DI PIOPPO:**

È molto ricercata, specialmente massiccia, in quanto, la maggior parte dei tronchi vengono utilizzati esclusivamente per la produzione di impiallacciatura.

Siamo stati abbastanza fortunati da produrre alcune tavole a bordo vivo in radica di pioppo veramente eccezionali.

Tutte le nostre tavole di radica di pioppo sono state tagliate ad uno spessore di 80 mm al fine di consentire una maggiore stabilità. Disponiamo di pezzi che vanno dai 50 cm a 1.25 mt di larghezza, con lunghezze da 1.00 mt a 3.60 mt.

Questa specie è ricca di peculiarità, con venature ad ombre dorate che creano contrasto e spesso in rilievo: vedere una tavola a bordo vivo di radica di pioppo è sicuramente un'esperienza mozzafiato.









# Sapelli Pommele

Common names: Sapelli, Sapelli Pommele

Scientific name(s): Entandrophragma cylindricum

Commercial Restriction: IUCN Red list

Wood Description:

Color: Golden brown to dark reddish brown  
Sapwood: Clearly demarcated  
Texture: Fine  
Grain: Interlocked  
Interlocked Grain: Yes

Physical Properties:

Avg. Dried Weight	42 lbs/ft <sup>3</sup> or 670 kg/m <sup>3</sup>
Specific Gravity	0.50 to 0.67
Janka Hardness	1,410 lbf or 6,28 0N
Modulus of Rupture	15,930 lbf/in <sup>2</sup> or 109.9 Mpa
Elastic Modulus	1,746,000 lbf/in <sup>2</sup> or 12.04 Gpa
Crushing Strength	8,750lbf/in <sup>2</sup> or 60.4 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard  
Crushing strength high.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Moderately Durable



AFRICA

Sapelli Pommele is a very rare timber to find in solid form, as most logs are sliced into veneer. The word pommele is the French term for dappled, and refers to a quilted or blistered appearance in the wood that is highly sought after.

Pommele figure is very rarely found throughout the whole tree and is generally more towards the outer parts of the slab. Therefore some boards will be completely covered in a rich pommele figure where as other will only have some pommele on the edges of the board where sapwood is present.

This beautiful figure coupled with sapelli's golden to dark reddish-brown color is certainly a winning combination.

## SAPELLI POMELÉ:

Il Sapelli Pomelé è un legno molto raro da trovare in forma massiccia, in quanto la maggior parte dei tronchi vengono tranciati per impiallacciatura. Il termine Pomelé è il termine francese per "maculato" e si riferisce ad un aspetto del legno rigonfio o con bolle, altamente ricercato.

La figura del Pomelé si trova raramente in tutta pianta e, solitamente, è più verso le parti più esterne della tavola. Tuttavia, alcune tavole saranno completamente ricoperte da un bel disegno Pomelé (maculato), mentre altre avranno solamente alcuni disegni Pomelé (maculati) sull'estremità della tavola, dove si trova l'alburno.

Il bel disegno, insieme al colore dorato fino a marrone scuro rossastro del sapelli, sono sicuramente una combinazione vincente.



# Sequoia

Common names: Sequoia, Redwood

Scientific name(s): Sequoia sempervirens

Commercial Restriction: IUCN Red list, legal timber from plantation.

Wood Description:

Color:	Light pinkish brown to deep reddish brown
Sapwood:	Clearly demarcated
Texture:	Coarse
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	26 lbs/ft <sup>3</sup> or 415 kg/m <sup>3</sup>
Specific Gravity	0.36 to 0.42
Janka Hardness	450 lbf or 2,000 N
Modulus of Rupture	8,950 lbf/in <sup>2</sup> or 61.7 Mpa
Elastic Modulus	1,220,000 lbf/in <sup>2</sup> or 8.41 Gpa
Crushing Strength	5,690 lbf/in <sup>2</sup> or 39.2 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard

Crushing strength high.

Natural Durability and Treatability:

Funghi	Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Very Durable



## NORTH AMERICA

Sequoia or Redwood, as you know this species comes from a proud lineage of the largest trees on earth. It shouldn't be surprising then that we have live-edge slabs with widths up to 1.30mt and lengths up to 5.0mt.

Sequoia is very popular due to the sharp contrast between the heartwood and the sapwood, not to mention the large scattered knots that give these pieces so much character.

Having this piece in your home is a true testament to the beauty of mother nature.

### SEQUOIA O REDWOOD:

Come ben noto, la Sequoia o Redwood proviene dal superbo lignaggio della pianta più grande al mondo. Non dovrebbe sorprendere, quindi, che abbiamo tavole a bordo vivo con larghezze fino a 1.30 mt e lunghezze superiori ai 5 mt.

La Sequoia è molto conosciuta a causa del suo forte contrasto tra durame e alborno, per non parlare dei grossi nodi sparpagliati, che conferiscono a questi pezzi così tanta personalità.

Avere un pezzo simile in casa vostra, è la concreta testimonianza della bellezza di madre natura.









# White Oak

Common names: European White Oak

Scientific name(s): Quercus Robur

Commercial Restriction: No

Wood Description:

Color:	Light to medium brown
Sapwood:	Not clearly demarcated
Texture:	Coarse
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	42 lbs/ft <sup>3</sup> or 675 kg/m <sup>3</sup>
Specific Gravity	0.53 to 0.67
Janka Hardness	1,120 lbf or 4,980 N
Modulus of Rupture	14,100 lbf/in <sup>2</sup> or 97.1 Mpa
Elastic Modulus	1,544,000 lbf/in <sup>2</sup> or 10.60 Gpa
Crushing Strength	6,720lbf/in <sup>2</sup> or 46.3 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from hard to very hard.

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Durable



EUROPE

White Oak is undoubtedly one of the most popular timbers in use today. This is why we have gone out of our way to be able to bring you the finest Old Growth European White Oak (Spessart) Live-Edge slabs.

White Oak from the Spessart region of Germany is highly prized not only for its beauty but its physical properties. As a result we are proud to be able to offer slabs with widths ranging from 50cm to 90cm and lengths from 4.0mt to 7.50mt.

## WHITE OAK:

Oggi, il rovere bianco è indubbiamente uno dei legni più conosciuti e maggiormente utilizzati. Ecco perché siamo andati oltre pur di fornirvi le migliori tavole a bordo vivo in rovere secolare europeo (Spessart).

Il rovere bianco dalla regione Spessart della Germania è altamente apprezzato, non solo per la sua bellezza, ma anche per le sue caratteristiche fisiche. Di conseguenza, siamo fieri di potervi offrire tavole con larghezze che variano dai 50 cm ai 90 cm e lunghezze dai 4.0 mt ai 7.50 mt.



# Black Walnut

Common names: Black Walnut

Scientific name(s): Juglans Nigra

Commercial Restriction: No

Wood Description:

Color:	Light pale brown to Chocolate brown
Sapwood:	Clearly demarcated
Texture:	Medium
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	38 lbs/ft <sup>3</sup> or 610 kg/m <sup>3</sup>
Specific Gravity	0.51 to 0.61
Janka Hardness	1,010 lbf or 4,490 N
Modulus of Rupture	14,600 lbf/in <sup>2</sup> or 100.7 Mpa
Elastic Modulus	1,680,000 lbf/in <sup>2</sup> or 11.59 Gpa
Crushing Strength	7,580 lbf/in <sup>2</sup> or 52.3 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard.

Crushing strength medium.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Non-durable
Treatability	Permeable
Use Class, by natural durability	Durable
Termites	Non-durable



## NORTH AMERICA

American Black Walnut is the ultimate in luxury.

A naturally small species that is in high demand throughout the world as a result of its visually appealing dark grey to brown heartwood framed by pale white sapwood.

As a result of this species naturally small size we have searched far and wide to be able to offer live-edge slabs of up to 1.0mt width and 3.50mt length. Come visit us to find your statement piece.

### AMERICAN BLACK WALNUT:

Il noce americano scuro (noce canaletto) è il massimo del lusso.

Una specie piccola in natura, richiestissima in tutto il mondo, per il suo aspetto dal grigio scuro al marrone del durame, incorniciato dal bianco chiaro dell'alburno.

Come conseguenza delle piccole dimensioni naturali di questa specie, abbiamo cercato in lungo e in largo per potervi offrire tavole a bordo vivo di almeno 1 mt di larghezza e 3.50 mt di lunghezza. Venite a visitarci per trovare il vostro pezzo da esposizione.



# Red Oak

Common names: Red Oak

Scientific name(s): Quercus rubra

Commercial Restriction: No

Wood Description:

Color: Light to medium brown  
Sapwood: Not clearly demarcated  
Texture: Coarse  
Grain: Straight  
Interlocked Grain: No

Physical Properties:

Avg. Dried Weight	44 lbs/ft <sup>3</sup> or 700 kg/m <sup>3</sup>
Specific Gravity	0.56 to 0.70
Janka Hardness	1,220 lbf or 5,43 ON
Modulus of Rupture	14,380 lbf/in <sup>2</sup> or 99.2 Mpa
Elastic Modulus	1,761,000 lbf/in <sup>2</sup> or 12.14 Gpa
Crushing Strength	6,780 lbf/in <sup>2</sup> or 46.8 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from soft to medium

Crushing strength low.

Natural Durability and Treatability:

Funghi	Non durable
Dry wood borers	Non durable
Treatability	Permeable
Use Class, by natural durability	Non Durable
Termites	Non Durable



## NORTH AMERICA

We are proud to offer Red Oak Live-edge slabs as a cost effective alternative to White Oak slabs.

Although the physical properties of Red Oak are not on par with White Oak, aesthetically speaking they are very similar.

Lastra has a solution to meet any requirement.

### ROVERE ROSSO:

Siamo lieti di poter offrire tavole a bordo vivo in Rovere Rosso, come alternativa economica alle tavole in Rovere Bianco.

Sebbene le caratteristiche fisiche del Rovere rosso non siano al pari del Rovere Bianco, esteticamente essi sono molto simili.

Lastra ha un soluzione per ogni richiesta.



# Guanacaste

Common names: Guanacaste, Parota

Scientific name(s): Enterolobium cyclocarpum

Commercial Restriction: No

Wood Description:

Color:	Light to medium brown
Sapwood:	Clearly demarcated
Texture:	Coarse
Grain:	Interlocked
Interlocked Grain:	Yes

Physical Properties:

Avg. Dried Weight	27 lbs/ft <sup>3</sup> or 440 kg/m <sup>3</sup>
Specific Gravity	0.34 to 0.44
Janka Hardness	470 lbf or 2,100 N
Modulus of Rupture	8,640 lbf/in <sup>2</sup> or 59.6 Mpa
Elastic Modulus	1,226,000 lbf/in <sup>2</sup> or 8.46 Gpa
Crushing Strength	5,390 lbf/in <sup>2</sup> or 37.2 Mpa

(\*: at 12% moisture content, with 1MPA = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very durable
Dry wood borers	Moderate durability
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Moderate Durability



## SOUTH AMERICA

Parota is a species that has gained much fame in recent years.

Due to its rapid growth this species achieves abnormally large sizes with widths of 2.0m not uncommon. A great variation of color in the heartwood has made this species very popular for use as live – edge tabletops.

We offer both flat sawn live-edge slabs as well as crosscut slabs perfect for use as coffee tables. Come and find your perfect match.

### GUANACASTE PAROTA:

Il Parota è una specie che, negli ultimi anni, ha avuto molto successo.

A causa della sua crescita veloce, questa specie raggiunge grosse misure in modo abnorme, con larghezze di 2.0 mt, piuttosto comuni. Una grande variazione di colore nell'alburno, ha reso questa specie molto nota nell'utilizzo di basi per tavoli a bordo vivo.

Offriamo sia tavole e bordo vivo segate con forniture speciali quali "effetto sega", perfette per i tavoli dei bar caffetterie. Venite a trovare la soluzione perfetta per voi.





# Zebrano

Common names: Zebrano, Zebra wood

Scientific name(s): Millettia Laurentii

Commercial Restriction: IUCN Red list

Wood Description:

Color:	Cream color with black streaks.
Sapwood:	Not clearly demarcated
Texture:	Coarse
Grain:	Interlocked
Interlocked Grain:	Yes

Physical Properties:

Avg. Dried Weight	50lbs/ft <sup>3</sup> or 805 kg/m <sup>3</sup>
Specific Gravity	0.67 to 0.81
Janka Hardness	1,830 lbf or 8,160 N
Modulus of Rupture	17,800 lbf/in <sup>2</sup> or 122.8 Mpa
Elastic Modulus	2,374,000 lbf/in <sup>2</sup> or 16.37 Gpa
Crushing Strength	9,210 lbf/in <sup>2</sup> or 63.5 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard

Crushing strength medium

Natural Durability and Treatability:

Funghi	Durable
Dry wood borers	Durable
Treatability	Permeable
Use Class, by natural durability	Durable
Termites	Durable



AFRICA

There is no mistaking Zebrano for any fellow timber specie.

Its ability to stand out, due to its dark “Zebra” stripes contrasting against the cream colored heartwood is what makes Zebrano so popular in decorative applications.

We have some very large flat sawn Zebrano live-edge slabs that display a balanced mix of both quarter and crown grain. Sizes ranging from 60cm to 1.40mt wide and 2.0mt to 4.50mt long.

## **ZEBRANO:**

Non si può confondere lo zebrano con alcuna altra specie di legno.

La sua capacità di spiccare, dovuta alle sue strisce scure di “zebra”, contrastano con il color crema dell’alburno, rendendo lo zebrano così famoso nelle sua applicazioni decorative.

Disponiamo di alcune tavole a bordo vivo di zebrano segati piatti che sfoggiano un mix di venatura sia di quarto che di fiamma. Le dimensioni variano da 60 cm a 1.40 mt di larghezza e da 2.0 mt fino a 4.50 mt di lunghezza.



# Iroko

Common names: Iroko

Scientific name(s): *Milicia Excelsa*

Commercial Restriction: IUCN Red list

Wood Description:

Color:	Yellow to golden brown
Sapwood:	Clearly demarcated
Texture:	Coarse
Grain:	Interlocked
Interlocked Grain:	Yes

Physical Properties:

Avg. Dried Weight	41 lbs/ft <sup>3</sup> or 660 kg/m <sup>3</sup>
Specific Gravity	0.55 to 0.66
Janka Hardness	1,260 lbf or 5,610 N
Modulus of Rupture	12,700 lbf/in <sup>2</sup> or 87.6 Mpa
Elastic Modulus	1,360,000 lbf/in <sup>2</sup> or 9.38 Gpa
Crushing Strength	7,840 lbf/in <sup>2</sup> or 54.0 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very durable
Dry wood borers	Very durable
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	High Durability



AFRICA

Iroko is a widely used species in our region due to its natural durability, considering our often-harsh environment.

The golden brown heartwood accentuates its distinctive banded appearance. With age the heartwood will darken thus giving the piece a deeper rich appearance.

Iroko or African teak as it is often known, will be the perfect companion for your home.

## IROKO:

L'iroko è una specie molto utilizzata nelle nostre regioni a causa della sua naturale durevolezza, considerando il nostro ambiente piuttosto rigido.

L'alburno marrone dorato accentua il suo distintivo aspetto fasciato. Con il tempo l'alburno si scurirà conferendo al pezzo un aspetto ancora più intenso.

L'iroko o teak africano, come è comunemente noto, sarà il perfetto compagno per la vostra casa.



# Cumaru

Common names: Cumaru, Brazilian Teak

Scientific name(s): Dipteryx odorata

Commercial Restriction: No

Wood Description:

Color:	Medium to dark brown
Sapwood:	Not clearly demarcated
Texture:	Medium
Grain:	Interlocked
Interlocked Grain:	Yes

Physical Properties:

Avg. Dried Weight	68 lbs/ft <sup>3</sup> or 1,085 kg/m <sup>3</sup>
Specific Gravity	0.86 to 1.09
Janka Hardness	3,330 lbf or 14,800 N
Modulus of Rupture	25,390 lbf/in <sup>2</sup> or 175.1 Mpa
Elastic Modulus	3,237,000 lbf/in <sup>2</sup> or 22.33 Gpa
Crushing Strength	13,850 lbf/in <sup>2</sup> or 95.5 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from hard to very hard.

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Moderate durability
Treatability	Permeable
Use Class, by natural durability	Extremely Durable
Termites	Moderate Durability



## SOUTH AMERICA

Cumaru (Brazilian Teak) is well suited to our regions climate, and thus makes it a perfect species for your outdoor live-edge table.

Its dark brown heartwood and contrasting light colored sap, coupled with its large size of up to 1.20mt wide and 6.0mt long will make it the perfect table to gather the entire family around for a barbecue.

### CUMARU:

Il cumaru (teak brasiliano) si adatta bene al clima delle nostre regioni e, di conseguenza, ciò lo rende la specie perfetta per i nostri tavoli da esterno a bordo vivo.

Il durame marrone scuro e l'alburno di colore chiaro in contrasto, insieme alla sua grande misura fino a 1.20 mt la larghezza e 6.0 mt la lunghezza, lo rendono il tavolo perfetto per riunire tutta la famiglia intorno a un barbecue.



# Wenge

Common names: Wenge

Scientific name(s): *Millettia Laurentii*

Commercial Restriction: IUCN Red list

Wood Description:

Color:	Dark brown to black
Sapwood:	Clearly demarcated
Texture:	Coarse
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	54lbs/ft3 or 870 kg/m3
Specific Gravity	0.72 to 0.87
Janka Hardness	1,930 lbf or 8,600 N
Modulus of Rupture	21,990 lbf/in2 or 151.7 Mpa
Elastic Modulus	2,550,000 lbf/in2 or 17.59 Gpa
Crushing Strength	11,710 lbf/in2 or 80.7 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm2)

Note: Hardness varies from medium to hard

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very durable
Dry wood borers	Very durable
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Very Durable



AFRICA

Wenge has a reputation of being a luxurious timber, its dark brown heartwood with contrasting flecks of white make it difficult to miss in most formats.

This being said, when one sees our live-edge wenge slabs it is a magnificent sight to behold. The large surface area coupled with un-ending patterns created by the white flecks draws you in.

We are fortunate to have slabs ranging from 60cm to 1.20mt wide and 2.0mt to 5.0mt long, perfect sizes to meet any demand you might have.

## WENGE:

Il wengé ha la reputazione di legno di lusso: il durame marrone scuro in contrasto con le macchioline bianche, praticamente in ogni formato.

Detto ciò, quando vedete le nostre tavole a bordo vivo è una visione straordinaria. Le grandi dimensioni, insieme ai disegni incessanti creati dalle macchioline bianche, cattureranno la vostra attenzione.

Siamo fortunati di disporre di tavole da 60 cm fino a 1.20 mt di ampiezza e da 2.0 mt fino a 5.0 mt di lunghezza, misure perfette per venire incontrato ad ogni richiesta voi possiate avere.





# Mansonia

Common names: Mansonia, African Walnut

Scientific name(s): Mansonia altissima

Commercial Restriction: No

Wood Description:

Color:	Grayish brown
Sapwood:	Clearly demarcated
Texture:	Fine
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	41 lbs/ft <sup>3</sup> or 660 kg/m <sup>3</sup>
Specific Gravity	0.54 to 0.66
Janka Hardness	1,290 lbf or 5,740 N
Modulus of Rupture	16,600 lbf/in <sup>2</sup> or 114.5 Mpa
Elastic Modulus	1,570,000 lbf/in <sup>2</sup> or 10.83 Gpa
Crushing Strength	7,800 lbf/in <sup>2</sup> or 53.8 Mpa

(\*: at 12% moisture content, with 1MPA = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard  
Crushing strength high.

Natural Durability and Treatability:

Funghi	Very durable
Dry wood borers	Very durable
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Very Durable



AFRICA

Mansonia is a special specie, it originates from a tropical climate and has the physical characteristics to match. However has a similar appearance to a species hailing from a temperate climate, American Black Walnut.

Mansonia has 2 distinct advantages over its counterpart; one being that size is not an issue with widths of up to 1.20mt not uncommon. Second being that its natural durability is far superior to that of North American Walnut.

We are confident that our "African Walnut" live-edge slabs will fit in perfectly in your home.

## MANSONIA:

La mansonia è una specie particolare: essa ha origine in un clima tropicale e le sue caratteristiche fisiche vi si combinano perfettamente. Tuttavia, essa ha un aspetto simile alle specie provenienti da un clima temperato, come il noce americano nero o canaletto.

La mansonia ha due vantaggi ben distinti dalla sua parte: uno è che la misura non è un problema con una larghezza fino a 1.20 mt, piuttosto comune; l'altra che la sua naturale durezza è assai superiore a quella del noce americano del nord.



# African Padouk

Common names: Padouk, Vermillion

Scientific name(s): *Petrocarpus soyauxii*

Commercial Restriction: No

Wood Description:

Color:	Deep dark red
Sapwood:	Clearly demarcated
Texture:	Coarse
Grain:	Straight
Interlocked Grain:	Occasionally

Physical Properties:

Avg. Dried Weight	47 lbs/ft <sup>3</sup> or 745 kg/m <sup>3</sup>
Specific Gravity	0.61 to 0.75
Janka Hardness	1,970 lbf or 8,760N
Modulus of Rupture	16,830 lbf/in <sup>2</sup> or 116.0 Mpa
Elastic Modulus	1,700,000 lbf/in <sup>2</sup> or 11.72 Gpa
Crushing Strength	8,130lbf/in <sup>2</sup> or 56.0 Mpa

(\*: at 12% moisture content, with 1MPA = 1N/mm<sup>2</sup>)

Note: Hardness varies from medium to hard

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very Durable
Dry wood borers	Durable – Risk limited to sap.
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Durable



AFRICA

African Padouk is striking with its bright Red hue.

In sharp contrast, the sapwood bordering the heartwood is often bright white in color thus accentuating the depth and beauty of the timber.

We have live-edge slabs with widths of up to 1.30mt and lengths up to 5.0mt, ready to meet any demand you may have.

## PADOUKA AFRICANO:

Il padouka africano colpisce per la sua tinta rosso brillante.

In netto contrasto, l'alburno che incornicia il durame è spesso bianco brillante, accentuando, così la profondità e la bellezza del tavolame.

Noi abbiamo tavole a bordo vivo fino a 1.30 mt di larghezza e fino a 5.0 mt di lunghezza, pronti ad accogliere ogni vostra richiesta.



# Purple Heart

Common names: Purple Heart, Amaranth

Scientific name(s): *Peltogyne* spp.

Commercial Restriction: No

Wood Description:

Color:	Eggplant Purple
Sapwood:	Clearly demarcated
Texture:	Medium
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	56 lbs/ft <sup>3</sup> or 905 kg/m <sup>3</sup>
Specific Gravity	0.76 to 0.90
Janka Hardness	2,520 lbf or 11,190N
Modulus of Rupture	22,000lbf/in <sup>2</sup> or 151.7 Mpa
Elastic Modulus	2,937,000 lbf/in <sup>2</sup> or 20.26Gpa
Crushing Strength	12,140 lbf/in <sup>2</sup> or 83.7 Mpa

(\*: at 12% moisture content, with 1MPA = 1N/mm<sup>2</sup>)

Note: Hardness varies from hard to very hard.

Crushing strength high.

Natural Durability and Treatability:

Funghi	Very durable
Dry wood borers	Very durable
Treatability	Permeable
Use Class, by natural durability	Very Durable
Termites	Very Durable



## SOUTH AMERICA

Purple Heart is perhaps the most vibrant of all timber species.

Unmistakable contrast of white sapwood versus bright “eggplant” purple colored heartwood is quite a sight to behold. With age the heartwood will darken thus decreasing the purple hue of the timber.

Purple Heart live edge slabs available with us range from 0.50mt wide to 1.20mt wide and 1.50mt to 4.0mt long.

### PURPLE HEART:

Il purple heart è probabilmente la specie di legno più vivace.

Inconfondibile contrasto tra il bianco dell'alburno e il brillante porpora “melanzana” del durame, è una visione da non perdere. Col tempo il durame si scurisce, sebbene il color porpora, tipico del tavolame, svanisca.

Le tavole a bordo vivo del purple heart sono disponibili con una larghezza dai 0.50 mt ai 1.20 mt ed una lunghezza dai 1,50 mt ai 4 mt di lunghezza.



# Plane Wood

Common names: Plane wood, European plane

Scientific name(s): *Platanus x acerifolia*

Commercial Restriction: No

Wood Description:

Color:	Dark reddish brown
Sapwood:	Clearly demarcated
Texture:	Fine
Grain:	Straight
Interlocked Grain:	No

Physical Properties:

Avg. Dried Weight	35 lbs/ft <sup>3</sup> or 560 kg/m <sup>3</sup>
Specific Gravity	0.46 to 0.56
Janka Hardness	940 lbf or 4,180 N
Modulus of Rupture	10,830 lbf/in <sup>2</sup> or 74.7 Mpa
Elastic Modulus	1,291,000 lbf/in <sup>2</sup> or 8.90 Gpa
Crushing Strength	5,910 lbf/in <sup>2</sup> or 40.8 Mpa

(\*: at 12% moisture content, with 1MPa = 1N/mm<sup>2</sup>)

Note: Hardness varies from soft to medium  
Crushing strength low.

Natural Durability and Treatability:

Funghi	Non durable
Dry wood borers	Non durable
Treatability	Permeable
Use Class, by natural durability	Non Durable
Termites	Non Durable



EUROPE

Plane wood is an interesting species, as it has a freckled appearance on surfaces displaying a quarter grain pattern. This species is sometimes referred to as lacewood, however is not from the same family as the tropical species.

We have slabs of up to 1.20mt wide and 4.50mt long that can meet pretty much all size requirements for your home.

## PLANE WOOD:

Il plane wood è una specie interessante, in quanto esso sfoggia un aspetto "lentiginoso" sulla superficie e mostrando una venatura particolare su quarto. Questa specie viene talvolta menzionata come lacewood, tuttavia non proviene dalla stessa famiglia delle specie tropicali.

Abbiamo a disposizione tavole fino a 1.20 mt di larghezza e 4.50 mt di lunghezza che possono venire incontro praticamente a tutte le misure adeguate alla vostra casa.







# T A B L E B A S E S

S T A N D A R D C O L L E C T I O N



TRONCO

DT-048L

Size: 1790 X 630 X 700 mm

Finish: Stainless Steel / Gold Electroplated

## BARBIGLIO

DT-236L

Size: 1400 X 600 X 710 mm

Finish: Stainless Steel / Black Electroplated



## RADICI

DT-093

Size: 1550 X 907 X 695 mm

Finish: Stainless Steel / Gold Electroplated



## CANNE

DT-224L

Size: 1195 X 395 X 740 mm

Finish: Gold Electroplated



## CAVALETTO

DT-112

Size: 750 X 750 X 715 mm / One Set 2 Pcs

Finish: Stainless Steel / Gold Electroplated





## MINIMALISTA

DT-239L

Size: 600 X 100 X 700 mm / One Set 2 Pcs

Finish: Stainless Steel / Gold Electroplated

## CESTO NATURA GROSSO

DT-215L

Size: 1470 X 690 X 700 mm

Finish: Stainless Steel / Gold Electroplated

---



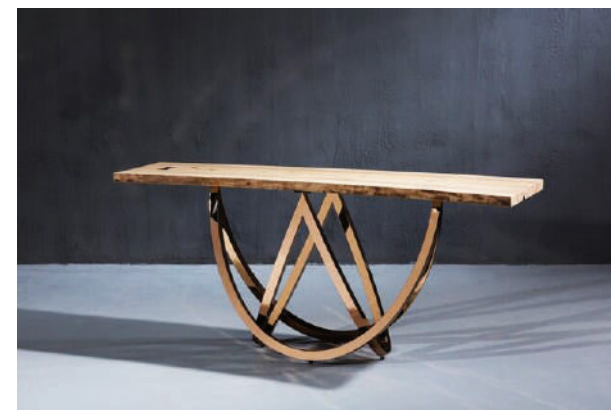
## CESTO NATURA PICCOLO

DT-225L

Size: 1050 X 380 X 730 mm

Finish: Stainless Steel / Gold Electroplated

---



## PICASSO

DT-094

Size: 1400 X 700 X 700 mm

Finish: Stainless Steel / Gold Electroplated

---



## CERCHIO VITA

DT-097

Size: 900 X 400 X 700 mm

Finish: Stainless Steel / Gold Electroplated

---





TRAPEZIUM

DT-048L

Size: 1790 X 630 X 700 mm

Finish: Stainless Steel / Gold Electroplated



## TREPPIEDI UNO

DT-219L  
Size: 1130 X 610 X 340 mm  
Finish: Stainless Steel / Gold Electroplated / Black Electroplated

---



## ZEN

DT-217L  
Size: 430 X 450 X 330 mm / One Set 2 Pcs  
Finish: Stainless Steel / Gold Electroplated / Black Electroplated

---



## ARABESCO

DT-229L  
Size: 640 X 50 X 380 mm / One Set 2 Pcs  
Finish: Iron

---



## TREPPIEDI DUO

DT-216L  
Size: 620 X 340 X 337 mm  
Finish: Stainless Steel / Black Electroplated

---







# lastra

DI LEGNO



شركة موارد ليمتد لتجارة مواد  
ومعدات البناء والعقارات ذ.م.م  
Mawared Limited For Building Material,  
Equipments & Trading Co. W.L.L

**Head Office**  
Salmiya, Hamad Al Mubarak St.,  
Al-Jothan Building  
Tel.: +965 25733142/3

**Showroom**  
Al Rai, Block 3, St. 30,  
Building 1337  
Tel.: +965 22090605

P.O. Box: 6076-22071 Salmiya  
F +965 25733265  
E info@mawaredlimited.com  
W www.mawaredlimited.com

