



NATURAL | TEAK | ENGINEERED



Preenlam Industries Limited has been a hallmark of exceptional artistry and innovation. It is India's No. 1, Asia's largest, and among the top 3 brands in the world offering surfacing solutions spread across laminates, compacts, clads, veneers, engineered wooden floors, and doors. With a presence in more than 100 countries, Greenlam further propagated its legacy of innovation and creativity by introducing Decowood Veneers: a decorative veneer brand which is currently India's largest selling veneer brand. Greenlam transforms a home into a masterpiece with its ubiquitous presence seen in homes and spaces all across the world.







Decowood has been a patron of wood since its inception. At Decowood, it's not just about chiselling away blocks of wood for homes, but also the craft and science that goes behind creating these spectacular pieces of art.

With a reputation that spans across 100 countries and over 200 varieties of veneers, Decowood has probably the largest collection to choose from. Each veneer of Decowood infuses the techniques of master craftsmen through centuries along with the touch of technology. And these designs have to be seen to be believed. They not only seep into our mind and heart, but also command an authoritative presence when they are installed.





 $\textbf{DISCLAIMER:} \ The information in this book is true and complete to the best of our knowledge. All recommendations are made without guarantee on the part of Greenlam Industries Limited. The organisation disclaims any liability in connection with the use of this information. \\$ 

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### 



For Decowood, a masterpiece is not just about great design. It is an amalgamation of style and substance which is driven by art, chiselled by science, and inspired by nature's beauty. Decopedia is not just a deep-dive into everything wood, but also a study of the art and science behind it. For the patron, it is the holy grail. For the novice, it is a handbook. But what it is, most of all, is the one place where you will find everything there is to know about wooden ueneers. Decopedia is an encyclopedia in the truest sense. It celebrates nature's variety and displays the intricate science of wooden veneers.

### KEEPING THE EARTH GREEN



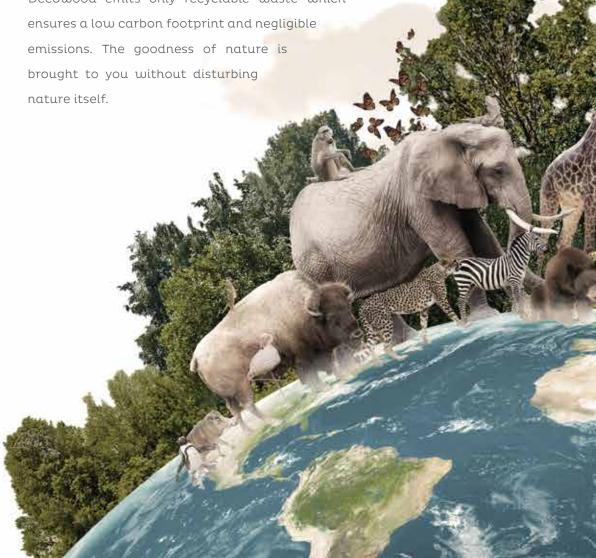
Greenlam Industries Limited is Forest Stewardship Council (FSC) certified which promotes and monitors responsible management of the world's forests. Decowood sources its wood ethically whilst earning FSC credits. The FSC certification ensures that the source of the wood is of known origin and hasn't been harvested in an unacceptable way.



Decowood emits only recyclable waste which ensures a low carbon footprint and negligible emissions. The goodness of nature is brought to you without disturbing







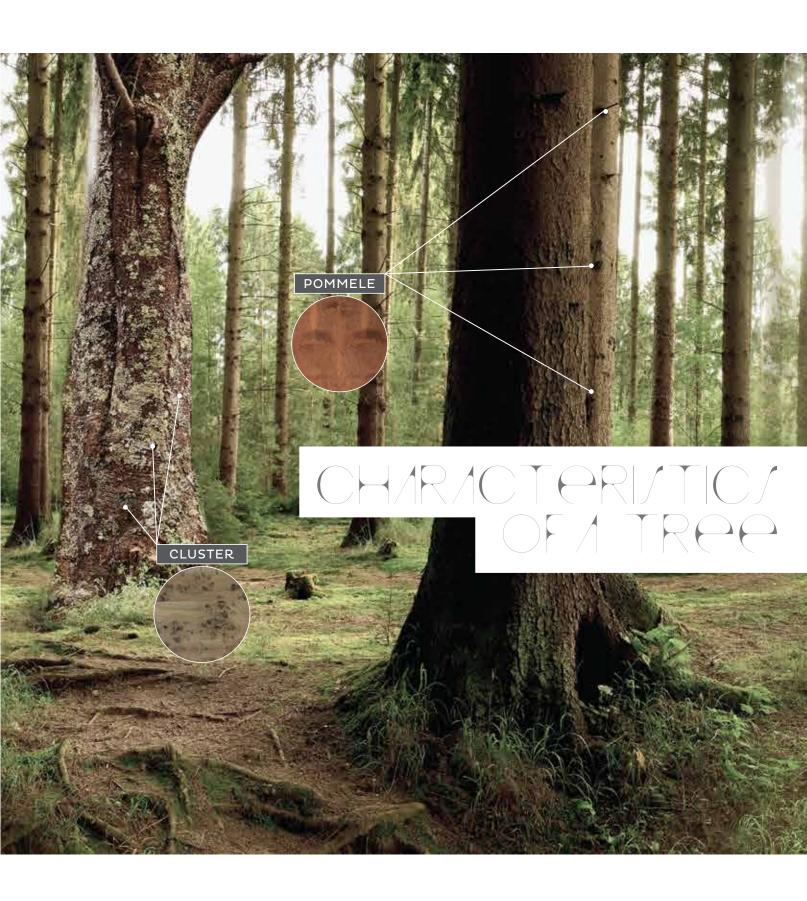
### KEEPING THE PEOPLE SAFE

Decowood uses water-based glues which are devoid of Volatile
 Organic Compounds or VOCs. These can cause harmful emissions
 and can damage our health. This is how Decowood ensures a clean
 and healthy indoor air quality.

Nature is good for us. Being around nature leads to lower stress levels and more positivity. Decowood brings the wonder of nature to your home and lets the beauty of wood enrich your life.

Did you know that cutting of trees can help save the environment? We know that trees are good for our environment because they replenish the oxygen in our atmosphere. However, this isn't always true. As trees begin to wilt and decay, they start to release  ${\rm CO}_2$  into the atmosphere. This greenhouse gas is toxic for our environment and is one of the key causes of global warming.

To monitor the  ${\rm CO_2}$  emissions, Decowood takes great care in ensuring that the trees are harvested as they mature and before they start to decay. This not only reduces the carbon emissions into the environment, but also ensures that the wood harvested is of utmost quality.





### Stripe Grain

A figure of contrasting colour stripes veining in the direction of the grain. This figure is obtained through quarter cutting and is one of the most common figures in veneers.

### Cathedral

Elegant 'V' or 'U' shaped grains obtained by crown cutting with a arching shape. This is one of the most sought-after figures.

### Half-Cathedral

Similar to the Cathedral structure with half of the 'V' or 'U' grain formations.







### TYPES OF



The figure gets its name by its most relatable area of application – the wood grains found on the back of stringed instruments like fiddles and guitars. The more regular the streaks running across the veneer, the more valuable the veneer.



Iridescent angular rays which shimmer due to the sharp edges.

Mottled figures look bold and shiny. This rare figure is usually the symbol of exclusivity.

Fiddle Back

Mottled

### Pommele

Pommele means 'dappled' in French. They create three-dimensional effects due to their random and dense grain patterns. They're present in woods like Sapele, Dauka, and Bubinga.



### Burls

Rare wood outgrowths with beautiful unorganised grains due to warping and splitting of the growth. They create unique and chaotic grain patterns.



### Cluster

When partially burled logs undergo rotary slicing, the marvel of clusters is born. Clusters are a group of burl-like formations in different sizes.



The property of wood which is characteristic to its undulating growth rings is known as its figure. This extraordinary effect is created due to wrinkling or bending of the growth rings because of the wind, uneven bark pressure, indentation on the surface of the tree by vines, fungus, etc. Figures are unique to each tree and hence are an exceptionally valuable and sought-after trait. These figures vary in density of grains and natural lustre. Their distinct characteristics enhance the texture of the wood that beautifies your space impeccably.



The grain pattern formed at the intersection of a branch with the main section is known as a crotch. The cross-section of this yields a beautiful curl in the grain.





Eye-shaped marks found on species like Maple, these are interspersed on the surface of the wood.

Bird's Eye

## TYPES OF TO TO THE TOTAL TOTA

Unlike figures, features are not developed by the weathering of the wood. Rather they are an intrinsic characteristic of the wood. Different features appeal to different individuals depending upon their taste. And much like people, features are a wood's personality that makes them stand out in a unique way. Each feature is astonishing and embellishes the feel of each wood to suit your taste.

Hair Pith Flecks





# TYPES OF MORE OF THE STATE OF

Factors such as ageing and extreme weather conditions may add exclusive character to the wood by imparting certain imperfections to it. Holes, stains, and knots may seem undesirable, but this is what complements the beauty of the wood. In an ensemble, they look natural and breathtakingly flawless. These beautiful faults and flaws give the wood a personality of its own that makes your interiors look beyond beautiful.







When nature's beauty meets craftsmanship, art is born. Creating a distinctive visual identity takes not just creativity, but also technology. Several types of cuts, with variations in angle and size of the log, are used to create different cuts and looks. However, each of them is a sight to behold.





Tangential cuts along the growth rings produce crown cut veneers with a pattern that is characterised by straight grain intermixed with cathedrals. This cut retains the mother structure of timber.





It uses the same cutting method as plain-sliced veneer, except the log is cut into quarters prior to slicing. This method bisects annual growth rings and results in a straight grain or ribbon-striped (Mahogany) appearance. Due to low yield from the log, this veneer is usually more expensive. Walnut, Mahogany, Oak, and Teak are most often used for this cut.

### Rotary Cut







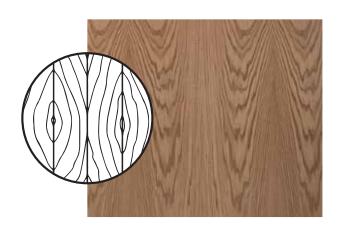
It is manufactured by advancing a rotating log against a stationary knife.
Since this cut follows the log's annual growth rings, a wide, bold grain pattern is produced.
Rotary cut veneer is a cost-effective method to obtain remarkable effects from Birch, Maple, and Oak.





Veneer obtained by fixing a quarter-log on the stay log. This results in veneer with a striped grain or in the form of a half cathedral. This is mainly used in American woods. Rift cut method yields the least amount of veneer and hence is the most expensive.

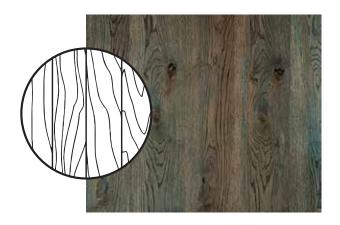
Matching of veneers is a precision art achieved by matching different grains to create an exquisite masterpiece. It is an arrangement of veneer strips of similar or varying grain patterns within a given panel or from panel-to-panel. The colours and patterns of these veneers vary among species to produce a unique veneer that gives a dramatic effect to your décor.



### Book Matching

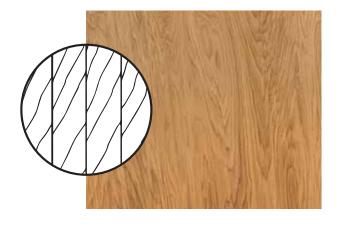
This method is based on the mirror image principle.

To produce this image, successive veneer leaves in a flitch are turned over like the pages in a book and are joined edge-to-edge, resulting in pairs. When two sheets of veneer are book-matched, the 'tight' and 'loose' faces alternate in adjacent leaves. They reflect light and accept stain differently, which result in a noticeable colour variation in some species. A book-match is commonly seen on furniture where veneer with a strong figure, such as swirl Mahogany or Walnut, is used to create a dramatic visual effect.



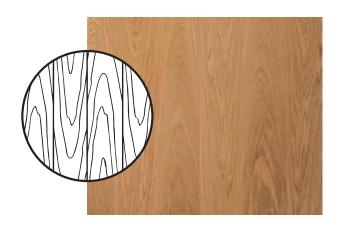
### Mix-Matching

In this method, individual leaves are randomly matched with the intention of dispersing characteristics such as knots or gum veins more evenly across the sheet. The advantage of random matching is that veneers from several logs may be used in the manufacturing of a set of panels.



### Slip Matching

Successive veneer leaves in a flitch are 'slipped' one along the other and are glued edge-to-edge, resulting in a series of grain repeating, but not in pairs. The risk in this method is that the grain patterns are rarely perfectly straight. When the grain pattern 'runs off' the edge of the leaf, a series of leaves with this condition could visually make a panel 'lean'. This method gives the veneer lay on the uniformity of colour because all faces have the same light refraction. This contrasts with book matching where alternating leaves are turned over.



### Reverse Slip Matching

This method is generally used with crown cut veneers. Veneer leaves are slip matched, then every second leaf is turned end-to-end. This method is used to balance crowns in the leaves so that not all the crowns appear at one end.

### Slicing

1

Selecting the best in wood is the first step towards creating the veneers the world has come to love. After the selection, the logs are sliced and processed into thin veneer flitches of required dimensions. Being the perfectionists that we are, we soften wood before cutting it into smooth veneers of even thickness. To achieve this, logs are soaked in water at a specific temperature depending upon their density which varies from species to species. Once the wood is softened, the sheets are clipped along their edges and bundled together based on its group size.

This wood is now ready to be graded.

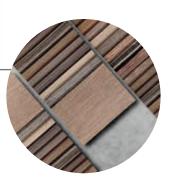


## MANUFACTURING PROPERTY OF THE PROPERTY OF THE

2

### Grading

The next step in creating exquisite veneer is to grade it. With immense care and effort, veneer is graded and sorted based on its quality and several other points such as grading, grain pattern, colour, and dimensions.



Layon Creation

3

After the grading of veneers is done, the most important process is to create layons. Layons are trimmed to a size which creates a straight edge. Depending on the grain pattern required, these veneer leaves are joined into a series of pairs, which are again joined into larger pairs, until the required width of the layon is created. This gives the veneer its beautiful appeal.



### Squaring and Sheering

When it comes to achieving excellence, we pay attention to the finest details. The layon which is joined to the required width is first trimmed at the ends. Once the correct length is achieved, a stitch is applied at the top and bottom to prevent splitting. The layon is then given one final check.

If needed, repairs are carried out.

### Pressing



After ensuring that the layon is perfectly-squared, only then we bond it onto a substrate. These substrates can be cloth, Plywood, MDF, or Kraft Backing, to name a few. This bonding is achieved with the help of hot and cold presses. Depending on the substrate, the duration and temperature is adjusted. Urea free, water-based adhesives are used to bond decorative veneers to the substrate. This lends strength and stability to the veneer.

5

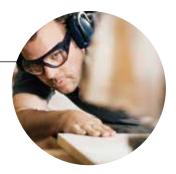
### Sheering and Sanding



One of the many things which set Decowood Veneers apart is the feel of it.

To get the best out of the veneer, it needs to be sanded carefully and thoroughly. Sanding not only affects the polishing process, but also the appearance. After this, the sheets are sheered to cut off excess veneer, if any. This gives the veneer its famous appeal, which Decowood is known for.

### Quality Control



Achieving quality is one thing. Consistently delivering on quality is another.

Decowood's world-class veneers are achieved by checking a variety of factors which affect the degree of checking in face veneers. These include veneer species, type, thickness and moisture content, as well as, type of core material and construction methods such as number of plies, adhesive, moisture and spread, assembly time, and pressing conditions. The role of each of these variables are considered individually vis-à-vis its relationship to veneer checking. Only once every quality check is passed, it is prepared for packaging and dispatch.

### Packaging and Dispatch



One of the final steps, yet one of the most important ones – extensive measures are taken to safeguard the veneers. Once manufactured, veneers are packed and dispatched properly, so that it does not get wet. Steps are also taken to protect panels against rapid moisture content changes and any mechanical damage during transport.





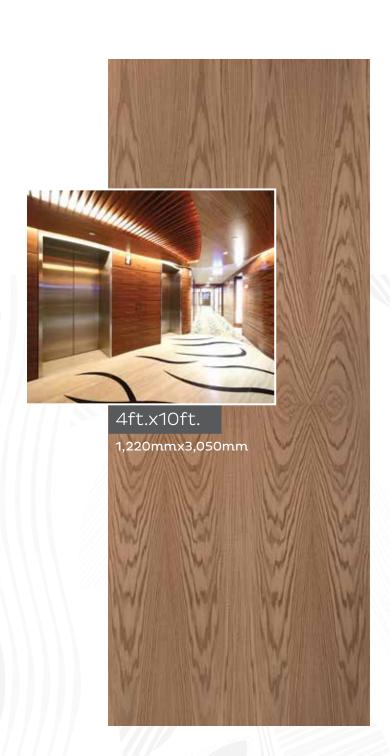
### THE UNMATCHED QUALITY AND AESTHETICS OF DECOWOOD COMES IN A VARIETY OF SIZES.

Choose from standard and specialised dimension sheets.











3'x7' 940mmx2,160mm



4'x8' 1,220mmx2,440mm



4'x10' 1,220mmx3,050mm



## The Veneered MDF A revolutionary natural beauty to behold. It's as pristine as it is technologically advanced. Veneered MDF panel is produced by pressing natural decorative veneer directly on the MDF panel with the patented MITT technology, exhibiting nature's real wood art in form of the natural veneer and the versatility of MDF. Decorative Veneer

Water-based glue for bonding

> Medium Density Fiber (MDF) Board

Thickness of MDF board varies from 5.5mm to 25mm

### The Veneered

### Particle Board

It is a new kind of elegance that only nature can produce. Similar to Ply Backing Veneer, the natural decorative veneer is pressed directly on a particle board sheet with the patented MITT technology. It is adaptable and perfect for any kind of creative project you have in mind.





### The Veneered

### Laminates

Veneer Laminates are produced by pressing veneers on special kraft paper. These veneers can be bent into a curve of 8cm radius and can be rolled and glued onto any shape of furniture. Furthermore, this awe-inspiring collection is unrivalled for its exceptional texture and exquisite quality.

A masterpiece can only be created by paying attention to the finest details. And just like that, wood finishes are necessary for protecting wood surfaces and enhancing their beauty. In India, clear finishes are used to retain the natural look of wood and to highlight its grains. Be it solvent-based or water-based, without proper finish, your masterpiece is incomplete.





### Types of Finishes There are five kinds of finishes recommended

for veneers based on the use (interior/exterior) and application (horizontal/vertical) of the veneer. These are mentioned below.

### Melamine Finish

The ease of application and availability makes this the most popular finish for a veneer.

- It can be used for interior and exterior applications.
- Available in Gloss and Matte
- It can be applied using a brush or a roller

### Polyurethane Finish

Commonly known as P.U. finish, Polyurethane is extremely sought-after and is easily available as well.

- It can be used for interior and exterior applications
- Thicker layer of this polish gives better protection to the veneer surface
- Has higher water resistance
- Post application, it smells pungent for some time
- Available in Gloss and Matte, it can also be tinted for special effects
- Should be applied using spray-on

### Acrylic Finish

One of the latest entrants in the market, Acrylic Finish is the choicest selection for the discerning few because of being the most premium wood finishing solution.

- Best suited for interior use and is recommended for horizontal surfaces as well
- It is a fast drying finish compared to other alternatives
- It can be easily cleaned up with soap and water
- Available only in Gloss, this finish results in a very thick top layer that gives the appearance of placing a glass/ acrylic sheet on top of the veneer
- Should be applied using spray-on

### UV Coating

UV coatings are known for their superior durability as well as chemical and stain resistance, while bringing out the beauty of the wood for Industrial use.

- It gives faster production rates
- Comparatively, is faster in application and drying

- Effective and low labor costs
- Significant reduction or the complete elimination of VOCs
- A higher quality finished product
- Produces less waste material
- Requires less floor-space for the process
- Immediate handling and packaging

### Water-based Coatings

Water-based Coatings are the first step towards the responsibility of mankind in Coatings technology.

This revolution has changed the definition of polishing.

- Has no VOC and is highly eco-friendly
- Good coverage and wetting of the substrate
- Very good sandability
- Easy to apply and dries faster
- Can be easily applied by spray, roller, and brush

### Wood Finishing Tips

- Applying sealant on the veneer surface can protect it from all kinds of dust particles during storage
- Thorough cleaning of decorative veneer surface is recommended before finishing
- Protection from moisture is equally important to retain the colour of the veneer after finishing
- For all pre-dyed veneers, it is advisable to use clear finish to retain the dyed colour
- Usage of brush, roller, or spray, and the number of finish coats can vary based on the type of wood finish being applied
- Next coat should be done after the previous coat dries
- Sanding in-between coats is advisable
- Avoid the use of chalk powder as it could either result in yellowing or penetration, which may be visible after application of the wood finish
- If bubbles are formed during the application of wood finish, changing the application medium (brush, roller, or spray) can eliminate it most of the times



The Naturals Collection is as close as it gets to wood in its natural habitat. Decowood's vast array of more than 200 different veneers lend a unique aesthetic to any space. The intricate grain, rich colours, warmth, beauty, and individuality of natural wood veneer, is unsurpassed by any other material. This wide and exquisite range of Naturals varies in texture, density, and origin. Each veneer in this collection has a distinct impression to beautify your space with the best in wood by Decowood.





### BURLI

Burl is a bizarre and a highly figured wood that finds its origin in the embrace of cold climates and is sourced from the celebrated forests of America and Europe. The muddled grain patterns of these lumpy outgrowths narrates a story and gives your veneer a rich feel that adds eccentricity to your spaces.



Α







BOTANICAL NAME POPULUS SPP.



DENSITY 350 - 500 kg/m³



PLACE OF ORIGIN EUROPE



Α













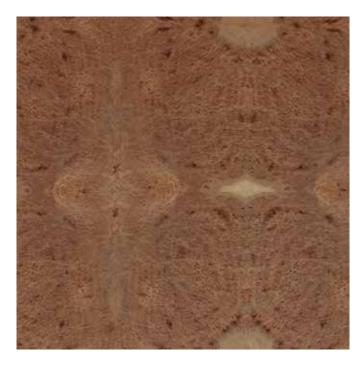


NAME MADRONA BURL

DENSITY 740 kg/m³







NAME VAVONA BURL









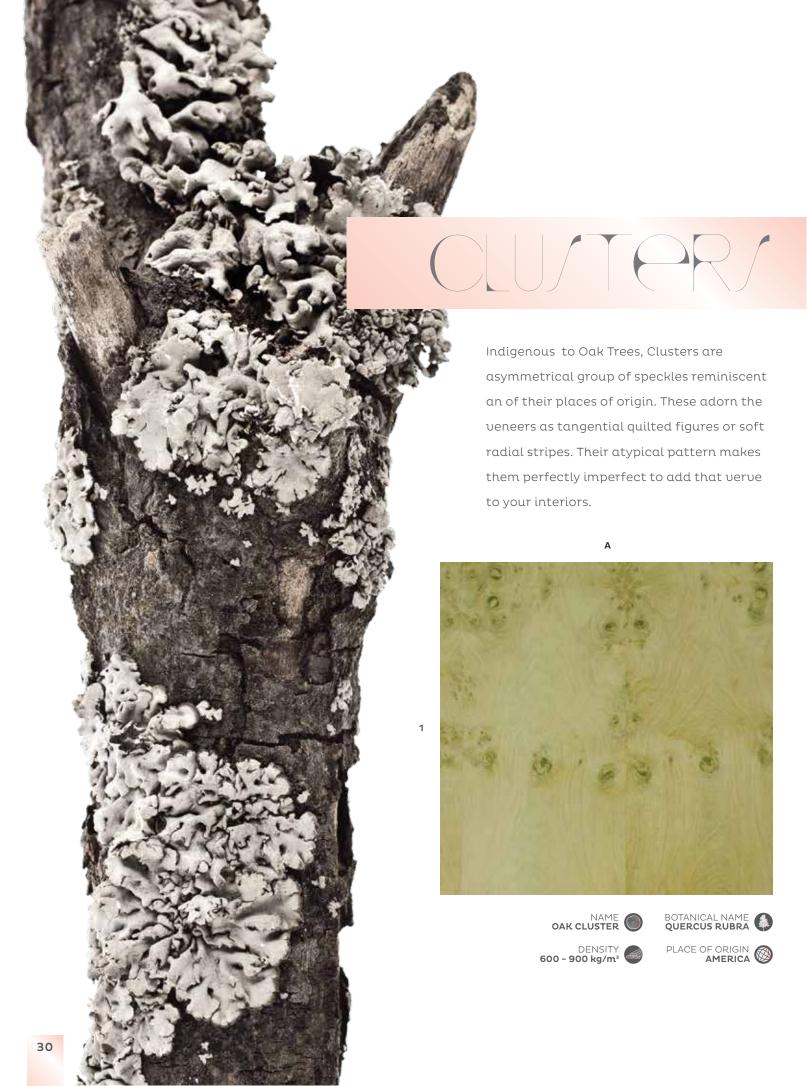
NAME WALNUT BURL

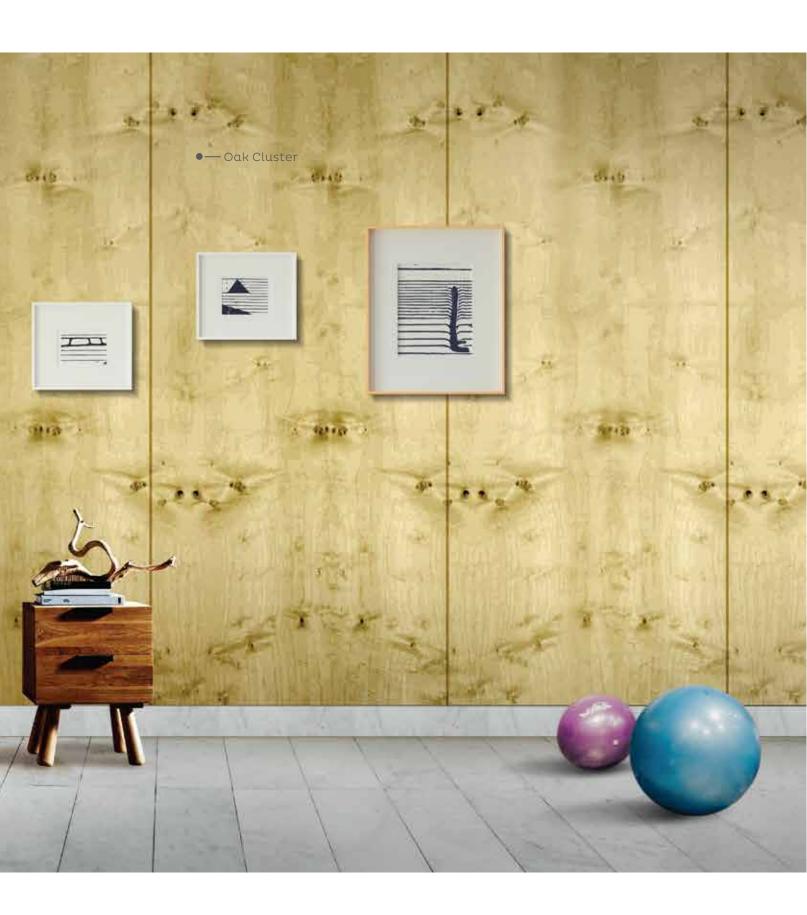






2











The highly sought-after pommele (pom-el-lay) is stunning. The French word, "Pommele" is derived from the word Pomme, translated into English as apple. It is meant to describe the apple shaped effect of the figure. Native to Africa and Latin America, the intense 3-D grain orientation of the round patches reveal a truly unique and dense pattern. Many different types of figures pass as Pommele, such as drape, blistered, peanut shell, and quilted. Varying from brown-red or grey-black shades, Pommele creates an absolute classy feel.











PLACE OF ORIGIN AFRICA



NAME IMBUA POMMELE









NAME SAPELE POMMELE









NAME EUCALYPTUS POMMELE









Originating from the mangroves of Africa, the rich forests of Europe, and Americas, figured growths create some of the most prized veneers. Chiselled through the undulating forces like rains, winds, temperature, the wood creates distinct and fascinating textures which are further crafted by expert craftsmanship to yield these exquisite pieces.

These one-of-a-kind veneers boast varying figures like fiddleback, Bird's eye, curly, quilted, just to name a few.

1

Α



NAME FIGURED ANEGRE

BOTANICAL NAME ANINGERIA GENNUS

DENSITY 400 - 480 kg/m³

PLACE OF ORIGIN AMERICA



NAME FIGURED EUCALYPTUS

BOTANICAL NAME **EEUCALYPTUS GLOBULUS** 

DENSITY 600 kg/m³

PLACE OF ORIGIN **AFRICA** 

В



NAME FIGURED ASH



DENSITY 650 - 850 kg/m³





NAME FIGURED SYCAMORE

BOTANICAL NAME PICEA ABIES KARST

DENSITY 400 - 600 kg/m³

PLACE OF ORIGIN EUROPE

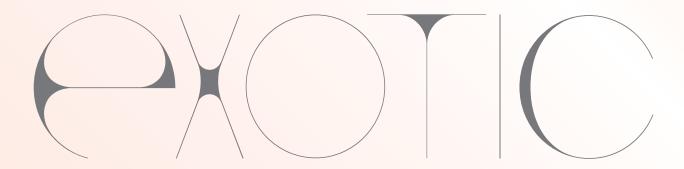


NAME FIGURED MAPLE

DENSITY **600 - 750 kg/m**³

BOTANICAL NAME ACER

PLACE OF ORIGIN AMERICA



Longed for their incredible texture, meticulous grain patterns, and resilient make, the Exotic Collection handpicks the best for the spaces that make a statement. These species hail from the most exotic locations of Africa, Mexico, Asia, and Europe, capturing the mid to darker hues with brown to burnt reddish and purple tones. Coupled with their signature aroma, this collection will add that vintage charm to your interiors.



























NAME SILK WOOD







1

Α В



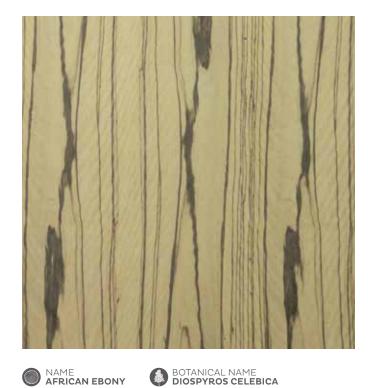


NAME **OFFRAM** 

BOTANICAL NAME LIQUIDAMBAR STYRACIFLUA

DENSITY **545 kg/m³** 

PLACE OF ORIGIN AMERICA



BOTANICAL NAME MICROBERLINIA BRAZZAVILLENSIS ZEBRANO PLACE OF ORIGIN AFRICA

DENSITY 1100 - 1300 kg/m³

BOTANICAL NAME DIOSPYROS CELEBICA

PLACE OF ORIGIN INDONESIA



DENSITY 850 kg/m³



Α В





DENSITY 900 kg/m³

BOTANICAL NAME ASTRONIUM GRAVEOLENS





NAME TINEO

BOTANICAL NAME WEINMANNIA TRICHOSPERMA













DENSITY 350 kg/m³

BOTANICAL NAME AMBURANA CEARENSIS

PLACE OF ORIGIN BRAZIL







BOTANICAL NAME DRACONTOMELON EDULE











NAME TOONA BOTANICAL NAME TOONA

DENSITY 485 kg/m³ PLACE OF ORIGIN AUSTRALIA



NAME ORGANIC MAPLE

BOTANICAL NAME ACER

DENSITY 600 - 750 kg/m³ PLACE OF ORIGIN AMERICA



NAME PACIFIC MADRONA

DENSITY 740 kg/m³ BOTANICAL NAME ARBUTUS MENZIESII

PLACE OF ORIGIN AMERICA

Commonly known as Brazilian rosewood, Palisander adds that premium English look to your spaces with its dramatic and saturated colour tones. It's a premier choice for high-end furniture and interiors, and is highly regarded as a tonewood for marimbas and xylophones, earning its nickname "the wood that sings". These carry well defined cathedral heart, quarters and not too much sap, and typically straight grains with some irregularity. Varying from darker chocolate brown to a lighter purplish or reddish-brown colour, these carry a distinct,

















NAME SANTOS



DENSITY 910 kg/m³





NAME ANGIKO



BOTANICAL NAME PARAPIPTADENIA RIGIDA

PLACE OF ORIGIN BRAZIL



NAME MOUNTAIN SANTOS



BOTANICAL NAME MACHAERIUM SCLEROXYLON



Native to Brazil, this wood has moderate natural lustre and is also found in Central America and some regions of Mexico. With grains varying from straight to irregular or interlocked, it has a fine to medium texture. It is rated as the most durable wood with excellent insect resistance due to its incredible hardness and strength. The Brazilian Collection has a wide range of hues varying from reddish-browns to deep olive-browns. To add the Latin touch to your space, this collection is exactly what you need.

























High up in the misty mountains of North America, the Walnut added a character to the forest. Tall, dark and imposing, the Walnut looks like a spire from the ground. A robust tree, a piece of this around you would surely invite you into a fairy tale. Walnut veneers are exceptionally durable and alluring. With almost straight grains and tones ranging from pale-brown to a dark chocolate brown with darker brown streaks. This species is unique and adds a grandiose charm to your living space. Unlike other species, walnut is easy to maintain and is resistant to damage.





Α











В



















Wenge's magnificent appeal in texture makes it perfect for a contemporary setup. An exotic species, Wenge is a striking rich, dark, and coffee-coloured wood with subtly contrasting, nearly black streaks. Straight grained with a course texture and matte finish, Wenge produces large leaves adding that grandeur to your space. It is highly durable and resistant to temperature and termite attacks due to its excellent strength and hardness properties. Wenge

В









PLACE OF ORIGIN AFRICA

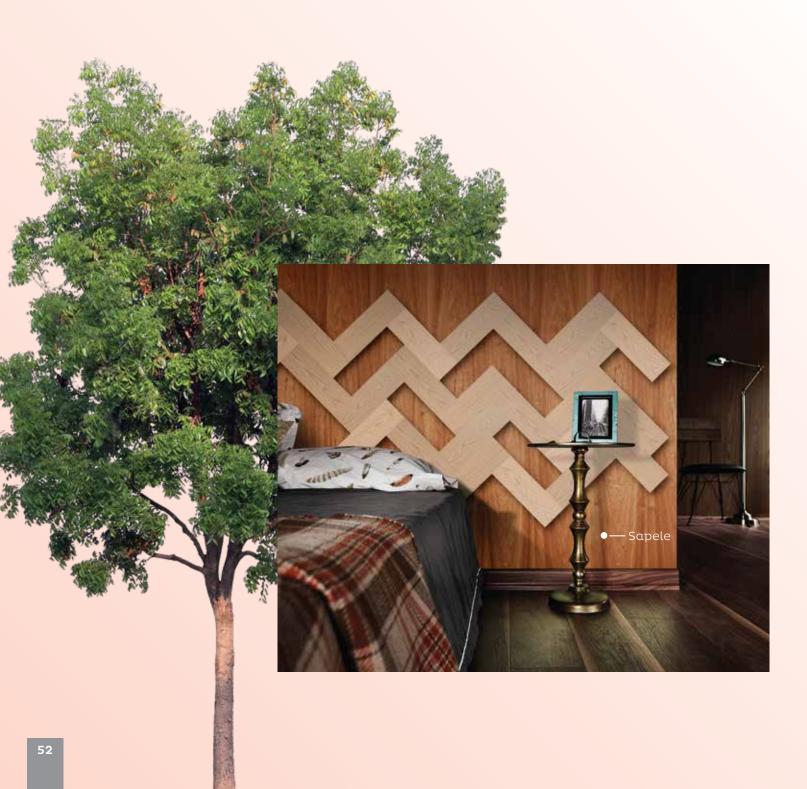












Redwood

Among the largest and tallest trees on earth, the Redwood produces a rich, warm, and inviting veneer that's as impressive as the tree. Uniformly deep reddish-brown, the grain in quarter cut veneer is beautifully striped or figured by fine markings.

Redwood is typically native to American, Latin

American, and African regions. The grains are generally straight with coarse texture and gentle sheen. Its fiery texture palette is ideal for a bold yet distinct look.

•—Sapele

Α В





MAHOGANY O



BOTANICAL NAME KHAYA IVORENSIS



DENSITY 500 - 850 kg/m³







AMERICAN CHERRY



BOTANICAL NAME PRUNUS SEROTINA



DENSITY 950 kg/m³



PLACE OF ORIGIN AMERICA





NAME SAPELE QUARTER



BOTANICAL NAME
ENTANDROPHRAGMA
CYLINDRICUM



DENSITY 640 kg/m³



PLACE OF ORIGIN AFRICA







DENSITY 680 kg/m³



BOTANICAL NAME MIMUSOPS HECKELII



PLACE OF ORIGIN AFRICA





BOTANICAL NAME MIMUSOPS HECKELII



DENSITY 680 kg/m³



PLACE OF ORIGIN AFRICA



В













NAME OPACA



BOTANICAL NAME BROSIMUM RUBESCENS





NAME MOABI









NAME SAPELE CROWN









В

A statement of quality, the Goldwood
Collection introduces the tonal richness of
wood to your spaces. The signature gold
sheen coupled with hereditary straight
grains and uneven textures add a unique
character to every decor.

True to its name, the product stands by you for years to come owing to its graceful ageing and exceptional stability. Native to Southern Asia, Goldwood has a wide spread presence across African, Asian, and Latin American regions as well.

A NAME A ROTANICAL NAME

NAME TEAK GRANDEUR

BOTANICAL NAME TECTONA GRANDIS

DENSITY 740 kg/m³ PLACE OF ORIGIN BURMA



NAME VINTAGE TEAK

BOTANICAL NAME SHOREA LAEVIS

DENSITY 1100 kg/m³ PLACE OF ORIGIN BRAZIL



NAME OVENKOL BOTANICAL NAME DANIELLE

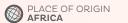
DENSITY 800 kg/m³ PLACE OF ORIGIN AFRICA

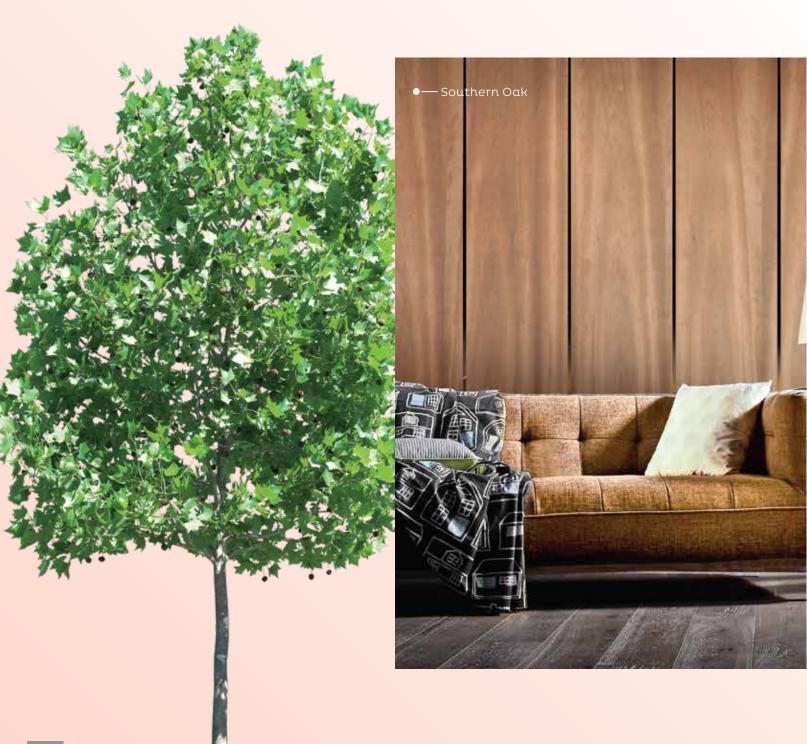
Α



NAME GOLDEN TEAK

DENSITY 710 kg/m³ BOTANICAL NAME CHLOROPHORA EXCELSA





Flakes is a captivating choice given its fine pattern of interlocked grains resembling the likes of maple wood. Its unique freckled appearance lends a subtle earthy feel to your place. Native to the Americas, Flakes are known by their rustic odour and light density.





NAME SOUTHERN OAK



DENSITY 600 - 900 kg/m³

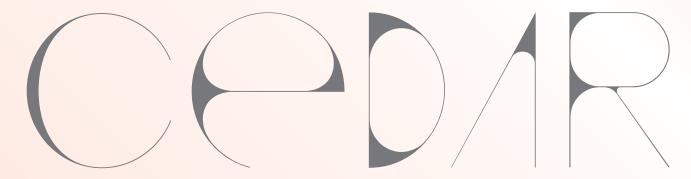




NAME CARBOLO NATURAL

BOTANICAL NAME LOURO FAIA

DENSITY 845 kg/m³ PLACE OF ORIGIN BRAZIL



Cedar, an evergreen tree, belongs to the family of pines mainly originating from the Himalayas and Mediterranean region. Specially sourced from American and European regions, it exhibits varying characteristics depending on its place of origin. However, the most sought-after Cedar is the American Red Cedar. This species has a very sweet, rather citrus-like odour which lingers even after being cut or machined. These skilfully crafted veneers give a premium and rustic feel to your décor.











BOTANICAL NAME
JUNIPERUS VIRGINIANA





NAME BOTANICAL NAME OCCUPANTICAL NAME NEEM



PLACE OF ORIGIN INDIA



NAME LIME









NAME AMERICAN TULIP



BOTANICAL NAME LIRIODENDRON TULIPIFERA





Amberwood gets its name from the hues of autumn that vary from tan to cream-like shades. Native to regions of North-eastern America and Europe, Amberwood is known for being easily crafted into wood and to be worked with. The fine and even texture along with straight grains are the highlights of this species. It is, therefore, a collection of finer grains that makes your décor as fine as your taste.

A B





DENSITY 600 - 750 kg/m<sup>3</sup>







NAME SYCAMORE

DENSITY 400 - 600 kg/m³



PLACE OF ORIGIN EUROPE

































BOTANICAL NAME QUERCUS RUBRA



DENSITY 600 - 900 kg/m³





KNOTTY OAK



BOTANICAL NAME QUERCUS







PLACE OF ORIGIN AMERICA





CHESTNUT O

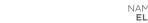


BOTANICAL NAME CASTANEA



DENSITY 560 kg/m³





















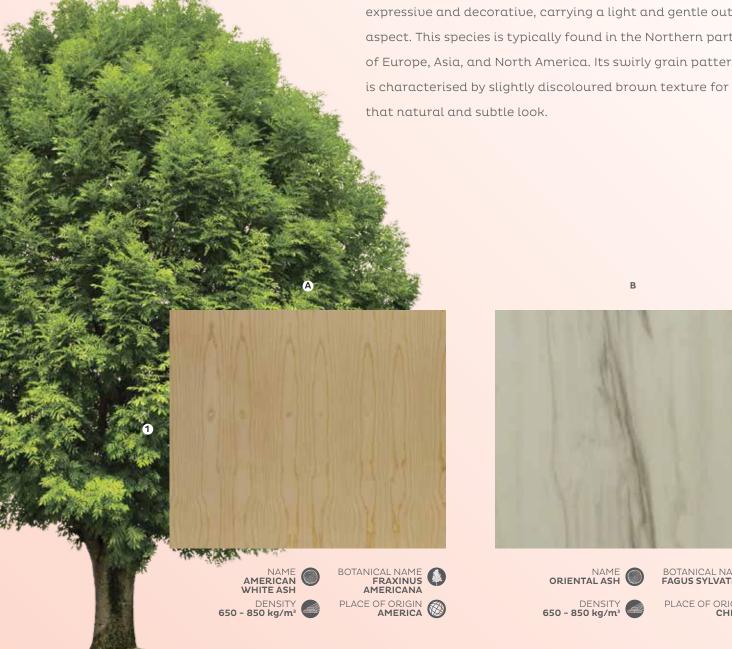














PLACE OF ORIGIN CHINA

DENSITY 650 - 850 kg/m³











Reassuringly fascinating, the Anegre wood is universally appreciated for its natural glow.

The wood ages gracefully from reddish-grey to light yellowish-brown tones and carries a blend of straight to interlocked grains. Native to Africa, this rare species of wood is highly durable and neutral to nature's forces. It's soothing hues give a classic warm feel to your space, making Anegre perfect for any space.













Bring the perfect gleam to your interiors with Beech veneers.

A favorite in modern interiors, Beech and reflects a moderate natural flow is a straight grained wood with a very fine, even texture.

While Beech is naturally a creamy, almost whitish color, it is often steamed to produce a consistent pink hue in veneers. Native to European countries and Eastern-American regions, this widely-used hardwood is popular for its hardness, wear-resistance, strength, and excellent bending capabilities.





































# 



В

NAME LARCH

BOTANICAL NAME LARIX

DENSITY 500 - 550 kg/m³ PLACE OF ORIGIN AMERICA



NAME VINTAGE LARCH

BOTANICAL NAME LARIX

DENSITY 500 - 550 kg/m³ PLACE OF ORIGIN AMERICA

Bronzewood comes with a palette of colour options to make your ideas an impressive reality. With shades varying from yellowish to reddish-browns, to rich dark browns with a hint of bronze, this collection will aesthetically enhance your interiors.

Mostly found in cold climates, Bronzewood spans over the highlands of Europe, flatlands of Africa, and to some parts of Japan.





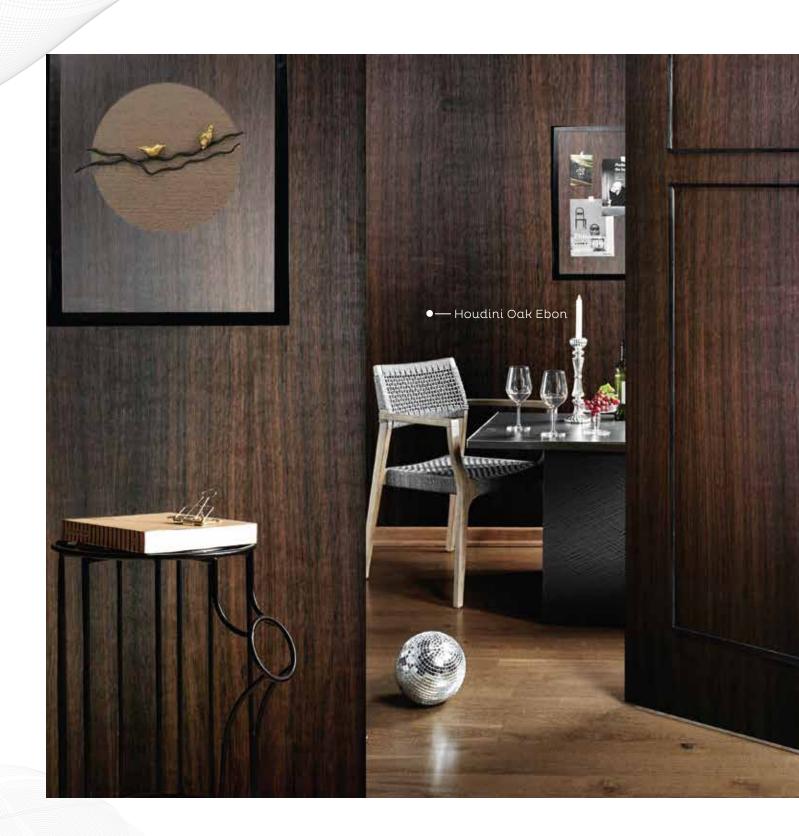
NAME KNOTTY PINE

DENSITY 350 - 500 kg/m³ BOTANICAL NAME PINUS COMUNIS

PLACE OF ORIGIN AMERICA

Synonymous to its name, the Smoked Collection orchestrates a smokey, rugged, and raw feel in your interiors. Sporting shades of hazelnut to deep chocolate brown, the veneers adorn a natural sheen to scale-up your interiors. The precisely implemented fumigation process evens-out the light and shadow effects of wood.





В Α





SILVER SPLASH VINTAGE ROVERE





SILVER SPLASH ROVERE



SILVER SPLASH FRESSNO

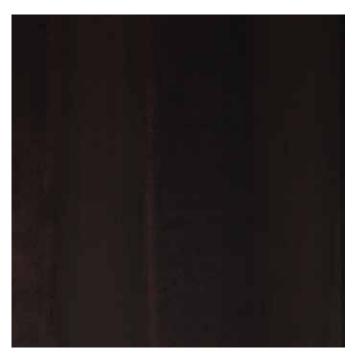


SILVER SPLASH AHORN



2

A B





HOUDINI OAK BROWN







HOUDINI SAPELE

HOUDINI LARCH





SMOKED CHESTNUT





SMOKED EUCALYPTO





SMOKED MOTTLED MAKORE



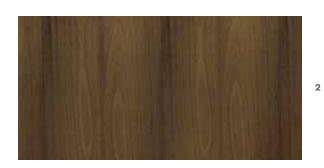


3









MOKED AUSTRIAN WALNUT



SMOKED KNOTTY OAK

Α В SMOKED ORIENTAL ASH SMOKED EUCALYPTUS POMMELE 2 SMOKED FIGURED EUCALYPTUS SMOKED KNOTTY PINE SMOKED SAPELE POMMELE SMOKED MAPLE

A B







MOKED LARCH



MOKED TIGER WOOD



MOKED GOLDEN CHERRY



MOKED ASH

3

2

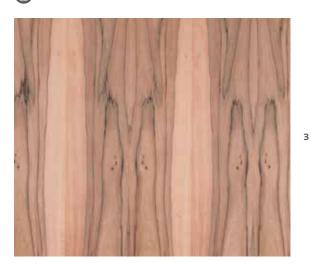
В Α SMOKED SWISS PEAR SMOKED OAK 2 SMOKED BEECH SMOKED SAPELE CROWN 3 SMOKED CHERRY SMOKED SAPELE QUARTER



MOKED BLACK CEDAR

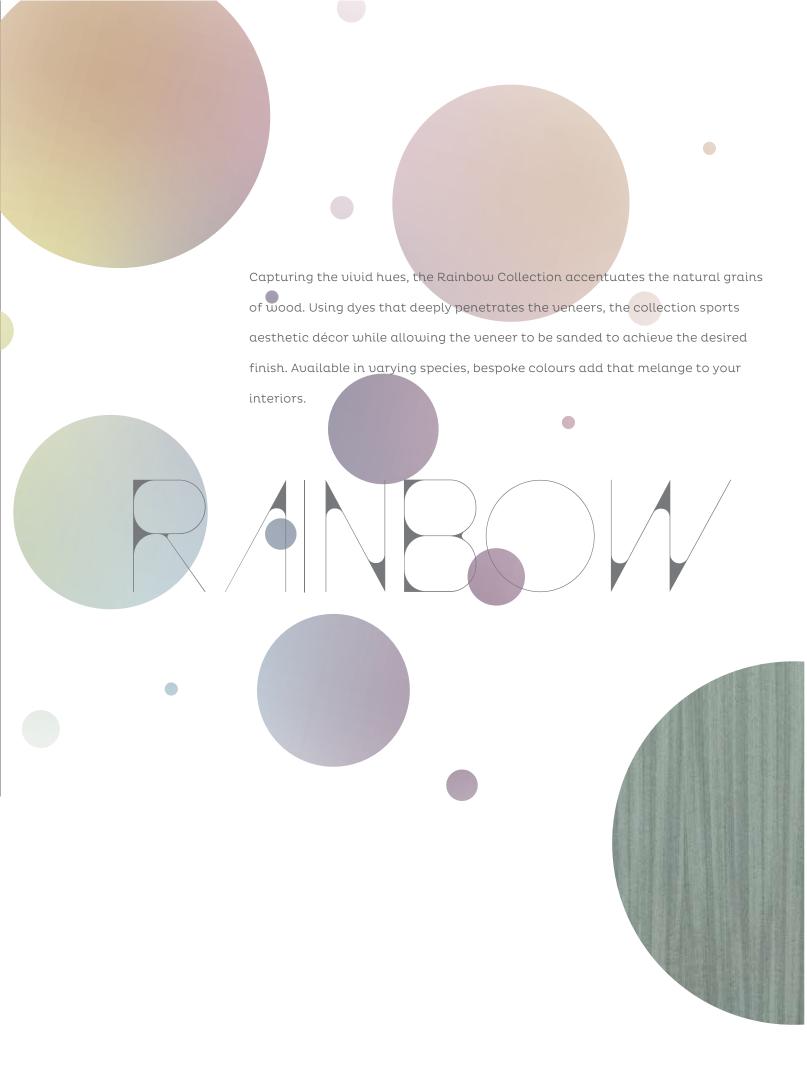


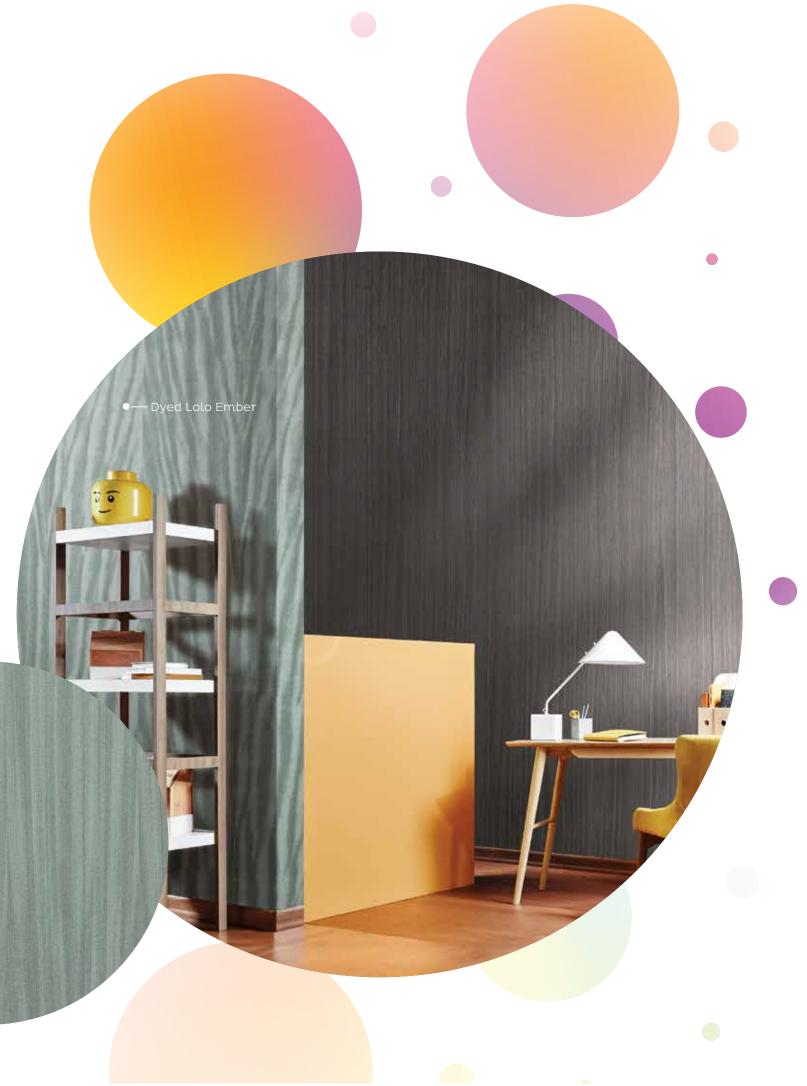
MOKED MAKORE



MOKED TINEO







A B



















A B





OAK DYED CORAL SHELL



ASH DYED COFFEE SWIRL





OAK DYED WHITE OAK DYED ROMAN CLAY





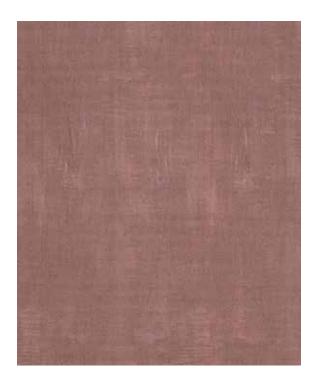
OAK DYED GENTLE BEIGE OAK DYED PLATINUM GREY

В









OAK DYED COFFEE BEAN



SYCAMORE DYED BURGANDY







SYCAMORE DYED GOLD



SYCAMORE DYED DARK GREY



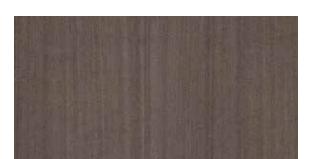
LOLO DYED EMBER



LOLO DYED MOCHA



KOTO DYED WHITE



KOTO DYED WENGE















PLATANO DYED GREY



В









BOLIVEAR DYED PEBBLE



BOLIVEAR DYED BRUN

A B







MOGANO DYED BLACK

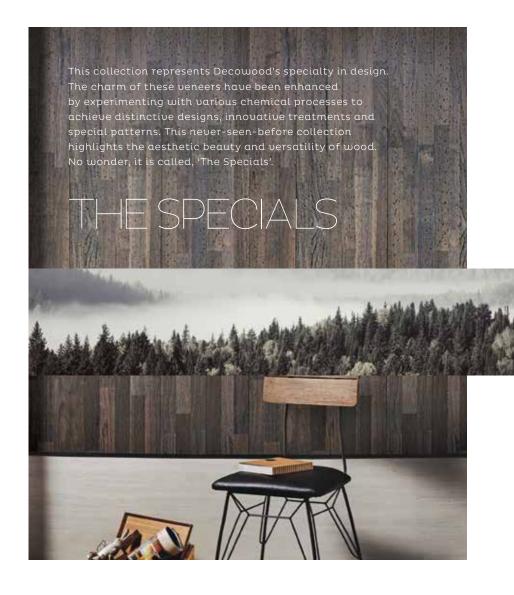


EUCALYPTUS DYED GREY



SUCUPIRA DYED GREY

# 





## POFIC/TON/



Note: Greenlam products are manufactured thoroughly to standards, the nature of the application procedure is beyond our control. The values given above but to the best of our knowledge, and without liability/warranty, expressed, or implied.







PEF	RFORMANCE PROPERTIES	SPECIFIED VALUE AS PER IS 1328:1996	DECOWOOD RESULTS			
1	Thickness (mm)					
	a) Less than 6.0mm	± 10 %	Complies			
	b) Aboue 6.0mm	± 05 %	Complies			
2	Squareness (mm)	2mm per 1000mm	1.5			
3	Edge Straightness (mm)	2mm per 1000mm	1.2			
4	Moisture Content	5 - 15 %	7.0 - 9.0			
5	Water Resistance	Shall not show delamination	Complies			
PR	DDUCT OFFER	UNITS / GREENLAM OFFER	VALUES/ COMPLIANCE			
1	Length	mm	2150, 2440 & 3050			
2	Width	mm	915 & 1220			
3	Thickness	mm	4.0mm & above			
4	Veneer Face	mm	0.5mm minimum			
5	Backing Variants	mm	4.0			
	Plywood (Gurjan/MHW)		4.0			
	MDF Kraft		6.0-25.0 1.5			
	Flex backing		0.5			
6	Product Density		0.5			
0	Plywood (Gurjan/MHW)		620			
	MDF	Kgs/Cubic Meters	680			
	Kraft	Typical values	1250			
	Flex backing		550			
7	Surface Texture					
	Natural	Products are made available	in different surface textures			
	Saw Cut	that can vary from a natural wood look or specially				
	Special Texture	designed textures in orde	r to provide a unique look.			
8	Colours Available					
	Natural		colours and veneer styles.			
	Dyed	Available in both customised and as Decowood offers				
	Smoked	different colors to	suit requirements.			
9	Cuts Available					
	Crown cut	Precise sizing of the logs in d	ifferent axes is carried out in			
	Quarter Cut	order to obtain a variety of grains from a same wood				
	Rift Cut		embodiment of nature's gift.			
10	Rotary Cut Veneer Matching					
10	Book Matching	Matchina styles of year	ers to suit unmatchable			
	Mix Matching		tural minds. Custom made			
	Slip Matching	9	ching is possible to add to			
	Reverse Slip Matching	the uniqueness of paneling.				
	Borer and Termite Resistance	Product exhibits a defined resistance.				
TEC	CHNICAL & EMISSION CHARACTERISTICS					
1	Bonding Adhesive	In-house formulation	Urea Formaldehyde			
2	Emissions	EN 717-1	Conform to E1			
3	Bonding Strength of Adhesive	ANSI	Conforms			
4	Resistance to Color Change	Changes owing to nature of wood are observed				
_	Abunding Oveler	over a period of time ASTM D 4060 S32	and exposure to light.			
5	Abrasion Cycles	1000 cycles				



Ν	AT	U	RA	LS

### NATURALS

s. NO.	PRODUCT NAME	COUNTRY OF ORIGIN	DENSITY (KG/M³)	PAGE NO.	ROW	COLUMN	S. NO.	PRODUCT NAME	COUNTRY OF ORIGIN	DENSITY (KG/M³)	PAGE NO.	ROW	COLUMN
1	AFRICAN EBONY		1100-1300	40	2	В	43	MAKORE		680	54	3	А
2	AFRICAN WALNUT		540	48	1	А	44	MAPA BURL		350 - 500	28	1	А
3	AMERICAN CHERRY		950	54	1	Α	45	MOABI		800	55	2	Α
4	AMERICAN MAPLE		600 - 750	63	1	Α	46	MOTTLED MAKORE		680	54	3	В
5	AMERICAN RED OAK		600 - 900	66	1	Α	47	MOUNTAIN SANTOS		910	45	2	В
6	AMERICAN TULIP		500	61	2	В	48	MUTENYE POMMELE		850	35	1	А
7	AMERICAN WALNUT		650-700	49	1	Α	49	OAK CLUSTER		600-900	30	1	Α
8	AMERICAN WHITE ASH		650-850	68	1	Α	50	OFFRAM		545	40	1	В
9	AMERICAN WHITE OAK		600 - 900	67	1	А	51	OLIVE ASH		650-850	69	1	А
10	ANEGRE		400-480	71	1	А	52	OPACA		860	55	1	В
11	ANGIKO		720 - 1199	45	1	В	53	ORGANIC MAPLE		600-750	43	2	Α
12	AROMATIC BURL		600-900	29	1	А	54	ORIENTAL ASH	*)	650-850	68	1	В
13	BEAM OAK	0	600 - 900	64	1	Α	55	OVENKOL		800	57	3	В
14	CARBOLO NATURAL	<b>(</b>	845	59	2	Α	56	PACIFIC MADRONA		740	43	1	В
15	CEREJEIRA	<b>♦</b>	350	42	2	Α	57	PALDAO		600	42	2	В
16	CHEN CHEN		1000	60	1	А	58	PARAISO		500-850	38	1	А
17	CHESTNUT	0	560	66	2	А	59	RED CEDAR		380	61	1	А
18	EBONY		1100-1300	39	1	А	60	RIO SANTOS	6	900	44	1	А
19	ELM	0	550 - 600	66	2	В	61	ROSEWOOD	•	900	45	1	А
20	EUCALYPTUS POMMELE		600	35	2	В	62	SANTOS	6	910	45	2	А
21	FIGURED ANEGRE	<b>&gt;</b>	400-480	37	1	Α	63	SAP GUM		520	38	2	А
22	FIGURED ASH		650-850	37	1	В	64	SAPELE CROWN		640	55	2	В
23	FIGURED EUCALYPTUS	<u> </u>	600	37	2	А	65	SAPELE QUARTER	<b>&gt;</b>	640	54	2	В
24	FIGURED MAPLE		600-750	37	3	В	66	SAPELE POMMELE		640	35	1	В
25	FIGURED SYCAMORE	0	400-600	37	2	В	67	SILK WOOD		520	39	2	В
26	FLAKY OAK		600 - 900	65	1	А	68	SOUTHERN OAK		600-900	59	1	A
27	GEORGIAN WALNUT	0	650-700	49	1	В	69	STEAM BEECH	0	700-900	73	1	A
28	GOLDEN CEDAR	0	380	61	2	А	70	SUCUPIRA	<u> </u>	720-960	47	1	А
29	GOLDEN TEAK		710	57	1	А	71	SYCAMORE	0	400 - 600	63	1	В
30	GOLDEN WENGE		870	51	1	В	72	TEAK GRANDEUR	***	740	57	1	В
31	GONCALO	•	900	42	1	А	73	TINEO		700	42	1	В
32	IMBUA POMMELE	•	350	35	2	А	74	TOONA	<del>경</del> €.	485	43	1	A
33	IPE	•	940	47	1	В	75	VAVONA BURL		450	29	1	В
34	JATOBA	6	910	46	1	А	76	VINTAGE LARCH		500-550	75	2	В
35	KNOTTY OAK		600 - 900	66	1	В	77	VINTAGE ROVERE	0	600 - 900	65	1	В
36	KNOTTY PINE		350-500	75	2	A	78	VINTAGE TEAK	<u></u>	1100	57	2	В
37	кото		510 - 750	60	2	A		WALNUT BURL		650-700	29	2	В
38	LARCH		500-550	75	1	В		WENGE		870	51	1	A
39	LIME		560	61	1	В		WHITE BEECH		700-900	73	1	В
40	MADRONA BURL		740	29	2	A		ZARA	<u>→</u>	700 900	55	1	A
41	MAHOGANY		500-850	54	1	В		ZEBRANO		850	40	1	A
	MAHOGANY CROTCH		500-850	33	1	A		ZIRICOTE		850-970	39	1	В
	COATT CROTCH		300 030	33	1	7	04	LINGOIL	200	330 370	39		ь

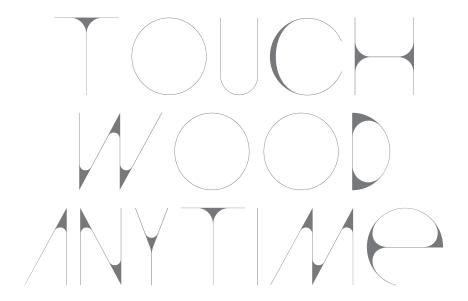
### SMOKED

	101623			
S. NO.	PRODUCT NAME	PAGE NO.	ROW	COLUMN
1	HOUDINI LARCH	79	2	В
2	HOUDINI OAK EBON	79	1	В
3	HOUDINI OAK BROWN	79	1	Α
4	HOUDINI SAPELE	79	2	А
5	SILVER SPLASH AHORN	78	2	В
6	SILVER SPLASH FRESSNO	78	3	А
7	SILVER SPLASH OLMO	78	1	В
8	SILVER SPLASH ROVERE	78	2	А
9	SILVER SPLASH VINTAGE ROVERE	78	1	А
10	SMOKED ASH	83	3	В
11	SMOKED AUSTRIAN WALNUT	81	2	Α
12	SMOKED BEECH	84	2	В
13	SMOKED BLACK CEDAR	85	1	А
14	SMOKED CHERRY	84	3	А
15	SMOKED CHESTNUT	80	1	Α
16	SMOKED COCOBOLO	81	1	А
17	SMOKED EUCALYPTO	80	2	Α
18	SMOKED EUCALYPTUS POMMELE	82	1	А
19	SMOKED FIGURED EUCALYPTUS	82	2	А
20	SMOKED GOLDEN CHERRY	83	1	В
21	SMOKED KNOTTY OAK	81	3	Α
22	SMOKED KNOTTY PINE	82	2	В
23	SMOKED LARCH	83	2	Α
24	SMOKED MAKORE	85	2	А
25	SMOKED MAPLE	82	3	В
26	SMOKED MOTTLED MAKORE	80	3	А
27	SMOKED NOCE	83	1	Α
28	SMOKED OAK	84	1	А
29	SMOKED ORIENTAL ASH	82	1	В
30	SMOKED SAPELE CROWN	84	2	А
31	SMOKED SAPELE QUARTER	84	3	В
32	SMOKED SAPELE POMMELE	82	3	А
33	SMOKED SWISS PEAR	84	1	В
34	SMOKED TIGER WOOD	83	3	А
35	SMOKED TINEO	85	3	А

### RAINBOW

S. NO.	PRODUCT NAME	PAGE NO.	ROW	COLUMN
1	ASH DYED BLACK	88	2	А
2	ASH DYED COFFEE	89	1	А
3	ASH DYED GREY	88	2	В
4	ASH DYED SANDAL WOOD	88	1	А
5	ASH DYED WHITE	88	1	В
6	B.E.M DYED WHITE	95	1	А
7	BOLIVEAR DYED BRUN	94	2	В
8	BOLIVEAR DYED PEBBLE	94	1	Α
9	BOLIVEAR DYED TAWNY	94	1	В
10	EUCALYPTUS DYED GREY	95	1	В
11	KOTO DYED WENGE	92	2	Α
12	KOTO DYED WHITE	92	1	А
13	KOTO DYED STEEL GREY	92	3	Α
14	LOLO DYED EMBER	91	1	В
15	LOLO DYED MOCHA	91	2	В
16	MOGANO DYED BLACK	95	2	Α
17	OAK DYED COFFEE BEAN	90	1	Α
18	OAK DYED COFFEE SWRIL	89	2	В
19	OAK DYED CORAL SHELL	89	1	В
20	OAK DYED GENTLE BEIGE	89	4	А
21	OAK DYED PLATINUM GREY	89	4	В
22	OAK DYED ROMAN CLAY	89	3	В
23	OAK DYED WHITE	89	3	Α
24	PLATANO DYED BLACK	93	1	А
25	PLATANO DYED GREY	93	2	Α
26	SUCUPIRA DYED GREY	95	2	В
27	SYCAMORE DYED BURGANDY	90	2	В
28	SYCAMORE DYED DARK GREY	91	2	А
29	SYCAMORE DYED GOLD	91	1	Α
30	SYCAMORE DYED GREY	91	2	В















### Complete Product Catalogue

Bestseller Section

Veneer Finder

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Bestseller Section

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