

RIVA
SPAIN

LUXURIOUS CONNECTION TO NATURE

LET'S TALK ABOUT
WOOD

LET'S TALK ABOUT **WOOD**

WOOD GOOD ^{IS}

Production implies low carbon emissions

CO2/m2

Hardwood flooring
9.1 - 26.33kg *

Luxury vinyl plank (LVP)
64.27kg

Durability and low maintenance

High-quality wood floors properly installed can last a full century.

Thermal properties

Porosity makes wood a good thermal insulator.

Connection to nature

Wood means connection to nature and brings texture and warmth to projects.

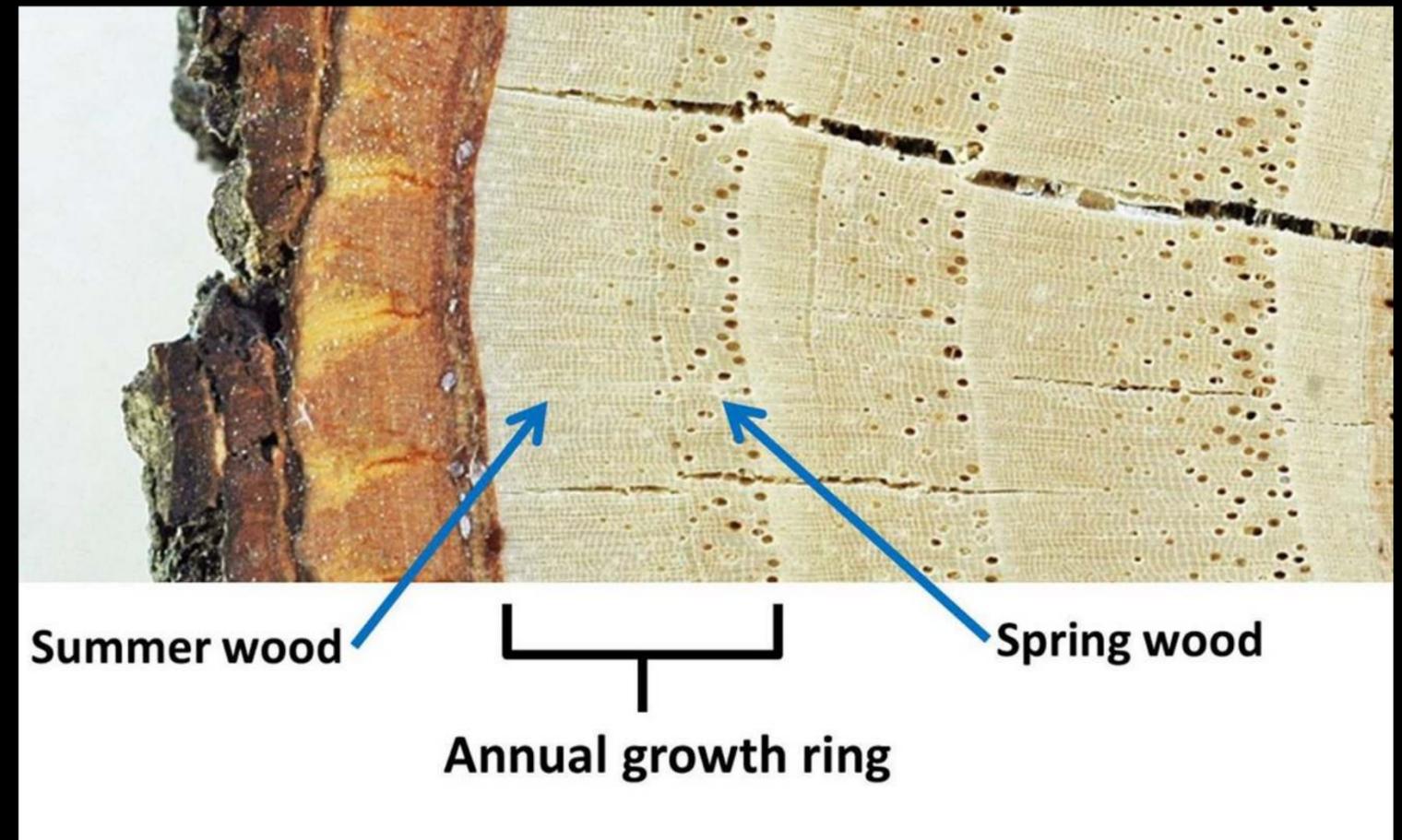
SEASONAL EFFECTS ON TREE'S BEHAVIOR

Trees are biologically more active in the spring and summer, and tend to decrease their activity, eventually going dormant in the winter.

RINGS REPRESENT ANNUAL GROWTH

Earlywood: In the spring, trees take advantage of all the moisture in the soil and carry large capacities of sap. Cells are large in diameter and very light-colored.

Latewood: Less moisture in the summer thickens the cell walls and causes fewer movements throughout the tree. Latewood cells are smaller in diameter and dark in color.



THE GRAIN

OPEN GRAIN



Bigger pores.

More pronounced.

Usually found on trees that grow faster in spring than summer.

Oak and ash are open-grained wood species.

CLOSED GRAIN



Smaller pores.

These tree species do not suffer many variations in growth behavior.

Maple and cherry are popular closed-grained species.



LET'S TALK ABOUT
THE SOURCE &
STRUCTURE

CERTIFICATIONS



Forest Stewardship Council (FSC) sets the standard for responsible forest stewardship.

*"Our policies unify a diverse set of stakeholders around common guidelines for forestry that are: **environmentally appropriate, socially beneficial and economically viable.**"*



The Programme for the Endorsement of Forest Certification (PEFC) is a leading global alliance of national forest certification systems.

*"As an international non-profit, non-governmental organization, we are dedicated to promoting **sustainable forest management** through independent third-party certification (...)"*

LET'S TALK ABOUT **THE SOURCE & STRUCTURE**

WOOD TYPES



HARDWOOD

SOFTWOOD

QUALITY	HARDWOOD	SOFTWOOD
Growth	Slow	Fast
Tree type	Deciduous	Coniferous
Grain	Close	Loose
Density	Heavier	Lighter
Fire resistance	Good	Poor
Exterior use	Good	Poor

LET'S TALK ABOUT THE SOURCE & STRUCTURE

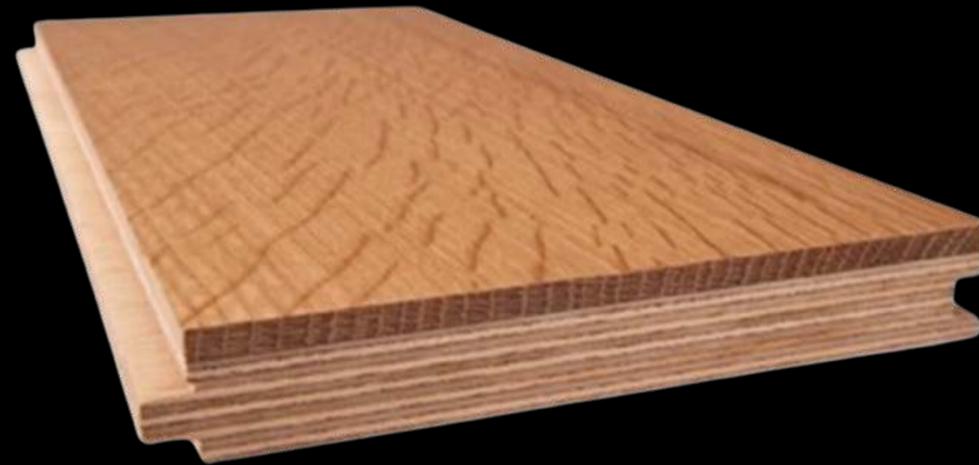
ENGINEERED VS SOLID

SOLID



- Heavier to install
- Limited to narrow planks
- Lower stability
- More durable

ENGINEERED



- Technology provides stability
- Easier to stain
- Thermally adaptable
- Easier to install
- Approved for radiant heat

LET'S TALK ABOUT THE SOURCE & STRUCTURE

COMMON WOOD SPECIES USED IN ENGINEERING FLOORING

Walnut 490 kg/m³

European Maple 630 kg/m³

Hard Maple 650 kg/m³

Cherry 720 kg/m³

Red Oak 740 kg/m³



Ash 750 kg/m³

White Oak 770 kg/m³

Beech 800 kg/m³

Jatoba 800 kg/m³

Jarrah 835 kg/m³



LET'S TALK ABOUT **THE SOURCE & STRUCTURE**

WHY OAK

This species has **the perfect balance** between density and resistance.

Oak is **rich in tannins** which enables it to withstand multiple treatments.

Oak's natural tones allow **easy absorption of colors**. Multiple hues with a **unique grain**, makes it recognizable

Extensive types within the species.

LET'S TALK ABOUT **THE SOURCE & STRUCTURE**

OAK TYPES

Black Oak (*Quercus velutina*)

Eastern and Central North America



Scarlet Oak (*Quercus coccinea*)

North America and Europe

Northern Red Oak Tree (*Quercus rubra*)

Midwest region of the U.S.



Southern Red Oak (*Quercus falcata*)

Lower elevations in North America

White Oak Tree (*Quercus robur*)

Grows in Europe



Post Oak (*Quercus stellata*)

Prefers drier conditions and lower elevations

LET'S TALK ABOUT **THE SOURCE & STRUCTURE**

EUROPEAN WHITE OAK VS AMERICA RED OAK



European white oak

Light sapwood and light to dark brown heartwood.
Straight grain and less pronounced.
Naturally high tannins help absorb colors.



American red oak

White to light brown sapwood and reddish brown heartwood.
Grain is straight and more pronounced.
More uniform appearance.

A close-up photograph of several stacked wooden planks. The planks are light-colored with a prominent, wavy wood grain pattern. The lighting is soft, highlighting the texture of the wood. The planks are stacked diagonally, creating a sense of depth and layering.

LET'S TALK ABOUT
GRADING &

CUTS

LET'S TALK ABOUT **GRADING & CUTS**

GRADING IMPACTED BY ORIGIN

Firewood



The top of the tree is used for Firewood.

Character Grade



Character grade comes from the middle part of the tree.

Select Grade



Select Grade is found in the youngest part of the tree. It is used for wine and Whiskey barrels, boats, furniture and premium wood floors.

GRADING CRITERIA WHEN BUYING

A-E grade wood

Select: A&B only

Character: C-E



Select grade

Character grade

Grades description:	A	B	C	D	E
Radial and tangential cutting	+	+	+	+	+
Healthy Knots light and dark:	<5mm	<25mm	<45mm	<80mm	<120mm
Healthy Knots with crack	<5mm	<25mm	<45mm	<80mm	<120mm
Holes or rotten knots	<3mm	<15-20mm	<30mm	<50mm	<60mm
Knots feathers	-	<10 x 30mm	<15 x 50mm	<30 x 100mm	<50 x 200mm
Knots feathers damaged or rotten	-	<33% from total knot			
Knots of the edge: Healthy	+	+	+	+	+
Knots of the edge: with a crack	-	<10mm	<15mm	<20mm	<30mm
Straight crack at the end - width	-	<5 x 30mm	<5 x 50mm	<5 x 150mm	<5 x 150mm
Oblique crack 30°	-	-	-	-	-
Rot: Hard	-	-	<3 x 30mm	<5 x 70mm	<10 x 300mm
Rot: Soft	-	-	+	+	+
Healthy heart	-	-	<30mm	<60mm	+
Soft heart	-	-	<3 x 30mm	<5 x 50mm	<5x 300mm
Sapwood or white spot: on one edge	-	-	-	-	-
Sapwood or white spot: on second edge	-	-	-	-	-
Sapwood or white spot: from the volume separately from each size	-	-	Max 20%	Max 20%	+
Natural color change but no brown color (discoloration)	-	-	+	+	+
Ingrown bark: width -length	-	<3 x 20mm	<3 x 30mm	<5 x 60mm	<7x 100mm

LET'S TALK ABOUT **GRADING & CUTS**



SELECT GRADE

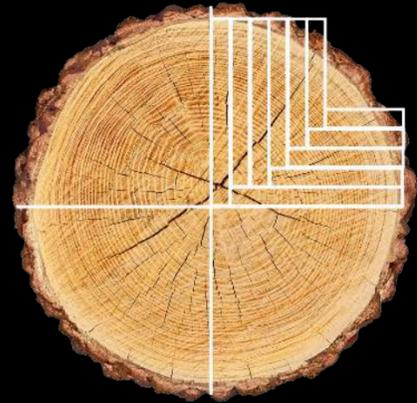
LET'S TALK ABOUT GRADING & CUTS



CHARACTER GRADE

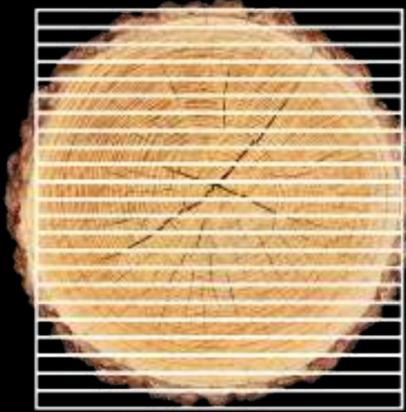
SAW CUT TYPES

Different ways of sawing can reveal different grain patterns:



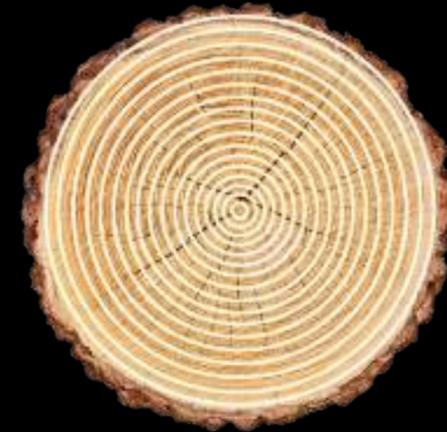
Rift and Quarter Sawn

Ideal for custom works.
Arduous.
More waste per log.



Live Sawn

Most effective.
Uses the whole log.
Wider cuts.



Rotary Cut

1 mm layers.
Ideal for furniture.





LET'S TALK ABOUT
THE PRODUCTION
PROCESS

LET'S TALK ABOUT THE PRODUCTION PROCESS

THE PROCESS

DRYING

PRESS

PROFILING

BRUSHING

FILLING

FINISH

LET'S TALK ABOUT THE PRODUCTION PROCESS



Green lumber
100% moisture



Air drying for 6 months
50% moisture



Sawcut and stacked with stickers
30% moisture



Kiln drying chamber 3-5 days
12% moisture



Raw lumber run through
planer



Final product

LET'S TALK ABOUT **THE PRODUCTION PROCESS**



HOT

- Faster bond time.
- More capacity for volume.
- Potential to affect structural stability.
- Weaker bond.

COLD

- Stronger bond adhesion.
- Less invasive to top layer, protecting the color and texture of the veneer.
- Adds to stability.
- Less volume capacity to manufacture.



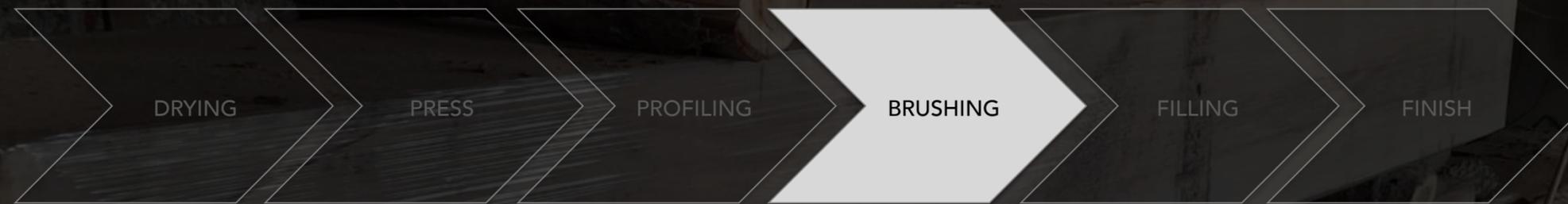
LET'S TALK ABOUT **THE PRODUCTION PROCESS**



Tongue & groove.
Click system.
Beveling.



LET'S TALK ABOUT THE PRODUCTION PROCESS



Steel wire brush is passed over the top layer of the wood.
Elevates natural beauty of the wood.
Adds texture to boards that provides a realer look and feel.
Level of brushing can be controlled (more or less brushing).



LET'S TALK ABOUT THE PRODUCTION PROCESS



Used to fill open knots on character grade planks.
Different color fill can be used: Black fill (more rustic), white fill, neutral fill (takes on color of stain to blend in better).

Fill color will affect aesthetics of the floor.



LET'S TALK ABOUT THE PRODUCTION PROCESS



First line of defense to protect wood.
Barrier to diminish wear & tear.
Can add several layers to increase protection.
Level of gloss/matte are applied at this point.
Types: UV lacquer, oil, reactive.





LET'S TALK ABOUT
TRENDS



TILE

CLADDING

FURNITURE

FLOORS

LET'S TALK ABOUT **TRENDS**

DIMENSIONS / WIDTH

Wide Planks

Fewer seams in installation.

Allows wood to shine.

Inspire a sense of grounding and serenity.



LET'S TALK ABOUT **TRENDS**

DIMENSIONS / WIDTH

Narrow Planks

Busier feel.
Slender spaces.



DIMENSIONS / WIDTH

Random Planks

Visually interesting.

Adds personality.

More casual & rustic feel.



DIMENSIONS / LENGTHS

Fixed Lengths

Guarantee longer lengths.
Longer lengths provide more visual
continuity and a nicer look.



DIMENSIONS / LENGTHS

Random Lengths

Uncertainty at time of install.
Forced to use shorter lengths.
Visually not appealing.



LET'S TALK ABOUT TRENDS

PATTERNS



CHEVRON



HERRINGBONE



VERSAILLES

SELECT GRADE (PRIME)

Sleek appearance, absence of knots.

Premium wood that provides a luxury feeling.

Higher price because of demand for other uses such as furniture production and barrels.

Contemporary looks.



LET'S TALK ABOUT **TRENDS**

CHARACTER GRADE

Natural variations for a distinctive look.

The presence of knots provides value to wood's natural charm.

Rustic appearance.



TOP LAYER MODIFICATIONS



UV lacquer

- Creates barrier on surface.
- Increased durability.
- Less maintenance required.
- Easier to sand & refinish.



Natural oil

- Penetrates & strengthens fibers.
- Constant maintenance.
- More natural look & feel.
- Without proper maintenance will turn yellowish amber

TOP LAYER MODIFICATIONS

WIRE BRUSHING

Adds durability by highlighting hardwood.

Emphasizes wood grain.

Opens up grain enough for better staining.

Too much wire brush, harder to clean dirt.

Enables ability to add cerused effects.

WOOD REACTIVES

A reactive by definition is an external force applied to the wood that physically alters the material. External forces include bleach, temperature, sunlight, fuming, or any combination of the mentioned.

The reactive staining process penetrates the wood, making it possible to achieve tones, variations, subtleties in the grain that otherwise would be impossible to achieve with traditional stains. This is especially true with European Oak since it is a species that is naturally high in tannins. Reactive stains require a true expert to properly work with reactives since the practice is highly artisanal and to be able to reproduce the same outcome.

Fuming
Smoking
Bleaching
Reactive stains

TAKEAWAYS

Wide range of wood species and differences of variations within each family.

Importance of sourcing of quality raw materials.

Details in the manufacturing process resulting in high-quality product.

Wood as a versatile material and its possibilities for design.

A close-up, low-angle shot of a woodworker in a workshop. The worker is an older man with grey hair, wearing a blue tank top, smiling as he works on a large, light-colored wooden beam. The background shows a well-lit workshop with various tools and equipment. The text "LET'S TALK ABOUT WOOD MASTERS" is overlaid in white, with "WOOD MASTERS" in a larger font and underlined.

LET'S TALK ABOUT
WOOD MASTERS

WOOD^{OUR} DNA

Exceptional high-end design engineered hardwood floors, crafted by European experts
with over 80 years working with wood.

OUR STORY

4th Generation family company

1937

The Iglesias family started in the wood world with a small workshop.

More than eighty years later, its **one of the most respected manufacturers in Europe.**

2024

RIVA Spain have a **main distribution center in Florida**, strategically located to ensure coverage across The US.

More than 100 stores around the US

2018

Our CEO, Borja Iglesias, **founded RIVA Spain in 2018 in the US.**



WATCH VIDEO

LET'S TALK ABOUT **WOOD MASTERS**

R

OUR PURPOSE

We exist to elevate lifestyle, wellbeing and relationships
by providing people a **luxurious connection to nature.**

LET'S TALK ABOUT **WOOD MASTERS**

R

OUR VISION

Lead the flooring industry revolution
by elevating quality, design and customer experience to
the highest standards, using natural elements.

LET'S TALK ABOUT **WOOD MASTERS**

RESIDENTIAL AND COMMERCIAL

RIVA bets on creating a lifestyle ecosystem to fit customers' demanding needs for their **residential or commercial** projects

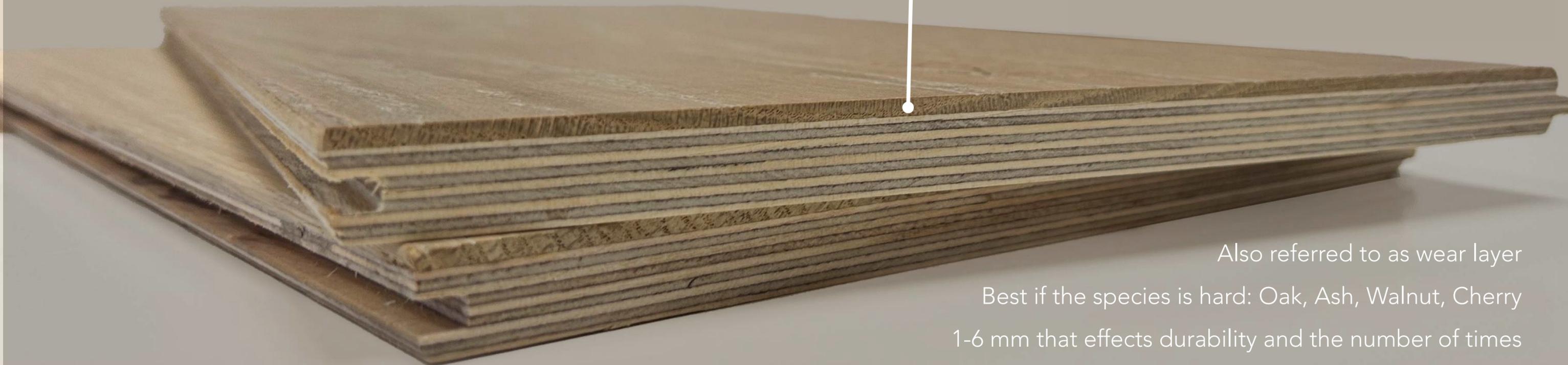
LET'S TALK ABOUT **WOOD MASTERS**

ENGINEERED HARDWOOD FLOORS



100% European Oak + Marine Grade Baltic Birch

Zero VOC



TOP LAYER

Also referred to as wear layer

Best if the species is hard: Oak, Ash, Walnut, Cherry
1-6 mm that effects durability and the number of times
it can be sanded



CORE

The Core is the key:

The multi-layered construction adds integrity and ensures long-lasting performance.

Adds resistance to fluctuations in humidity and temperature.

Different types: birch, poplar or pine.

Baltic birch is the best choice for high-end products due to its physical characteristics.

LET'S TALK ABOUT
PRODUCT
PORTFOLIO



12 Colors | 4 Collections | 2 Grades

RIVA \ METRO
6 3/4"

RIVA \ ELITE
8"

RIVA \ MAX
10"

RIVA \ QUARTZ
3.5"



PEARL

COTTON

MERCURY

CRYSTAL

SAND

SMOKE

EARTH

AMBER

KRYPTON

GRAY

CIGAR

BLACK

RIVA \ METRO

Width 6 3/4"

Make an impression with the uniqueness of **character wood floors** and create a **contemporary** feel in any room.

This width is excellent to **make small spaces appear larger** thanks to the number of narrow boards on the floor.



RIVA \ ELITE
Width 8"

Versatility

RIVA Elite adjusts to your lifestyle and transforms any room into an extraordinary space with multifaceted 8" wide planks.



RIVA \ MAX
Width 10"

RIVA MAX brings a **majestic feeling** to your commercial or residential spaces.

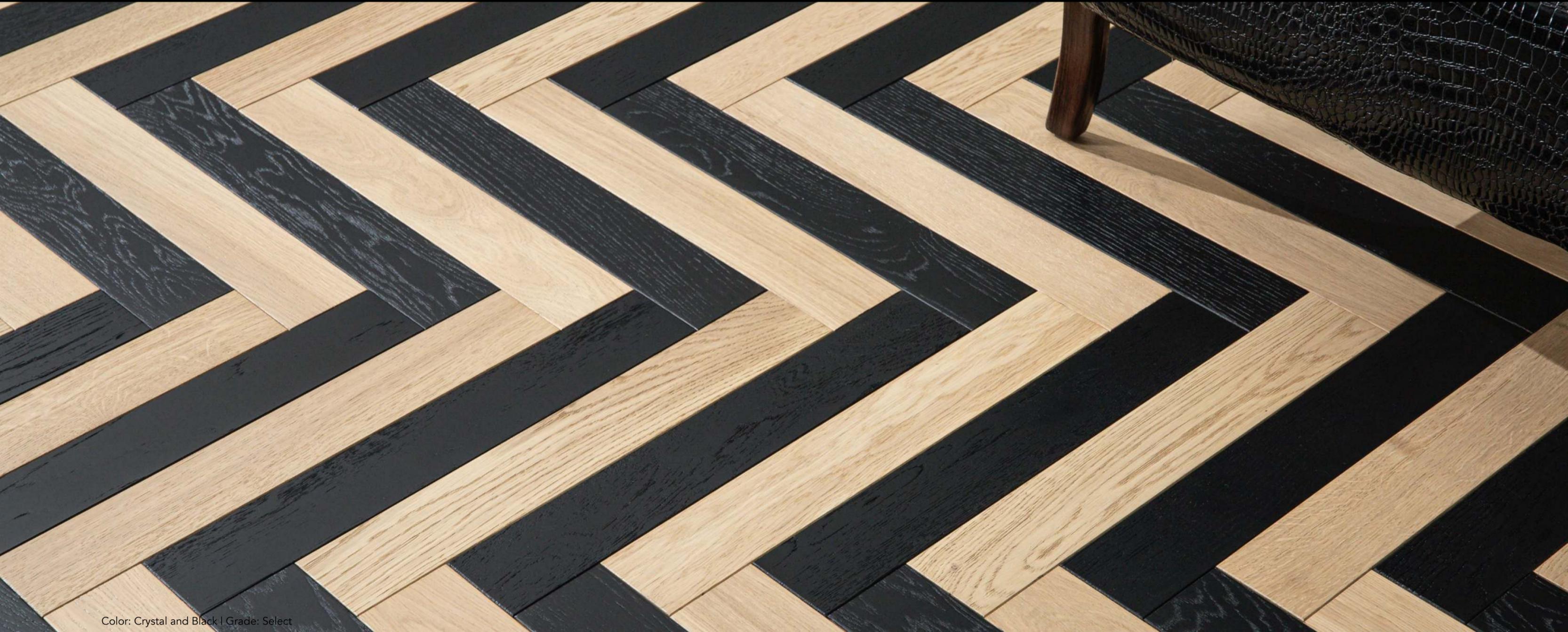
Enjoy the beauty of select or character grade with 10" **wide planks** that will take your breath away!



RIVA \ QUARTZ
Width 3.5"

Herringbone is one of the most elegant decorative flooring options!

Make a statement and add movement to your projects with an elegant pattern that honors the essence of timeless minimalism.



LA RIVA

8 Colors | 4 sizes | 2 Grades

Reactive processes create color from inside the wood by changing its natural components, resulting in color variations that cannot be achieved by traditional methods.

These techniques require **high level of expertise.**

European white oak has **high levels of tannins**, making it a great species to work with.





LARIVA

HANDCRAFTED MASTERPIECES

Tom Goddijn, **our master artisan**, uses reactive processes to **create unique hues**. These techniques modify wood's tannins, changing its molecular structure. No reaction is the same, therefore, **every color is matchless**.

Tom Goddijn

TIERRA
NOBLE & NATURAL

TIERRA is a collection born of purity & inspired by the natural elements which make up the world we live in.

5 colors | Character Grade | Width 8" | Length 6-8' | Top Layer 3 mm

MAR

CIELO

SOL

MONTE

ARENA



RIVA \ CLADDING



ELEVATE YOUR SPACES

A decorative covering that will turn any room into a distinctive area while providing insulation and noise reduction.

RIVA \ CLADDING

Fully solid white oak & walnut

Colors: Pearl, Crystal, Walnut

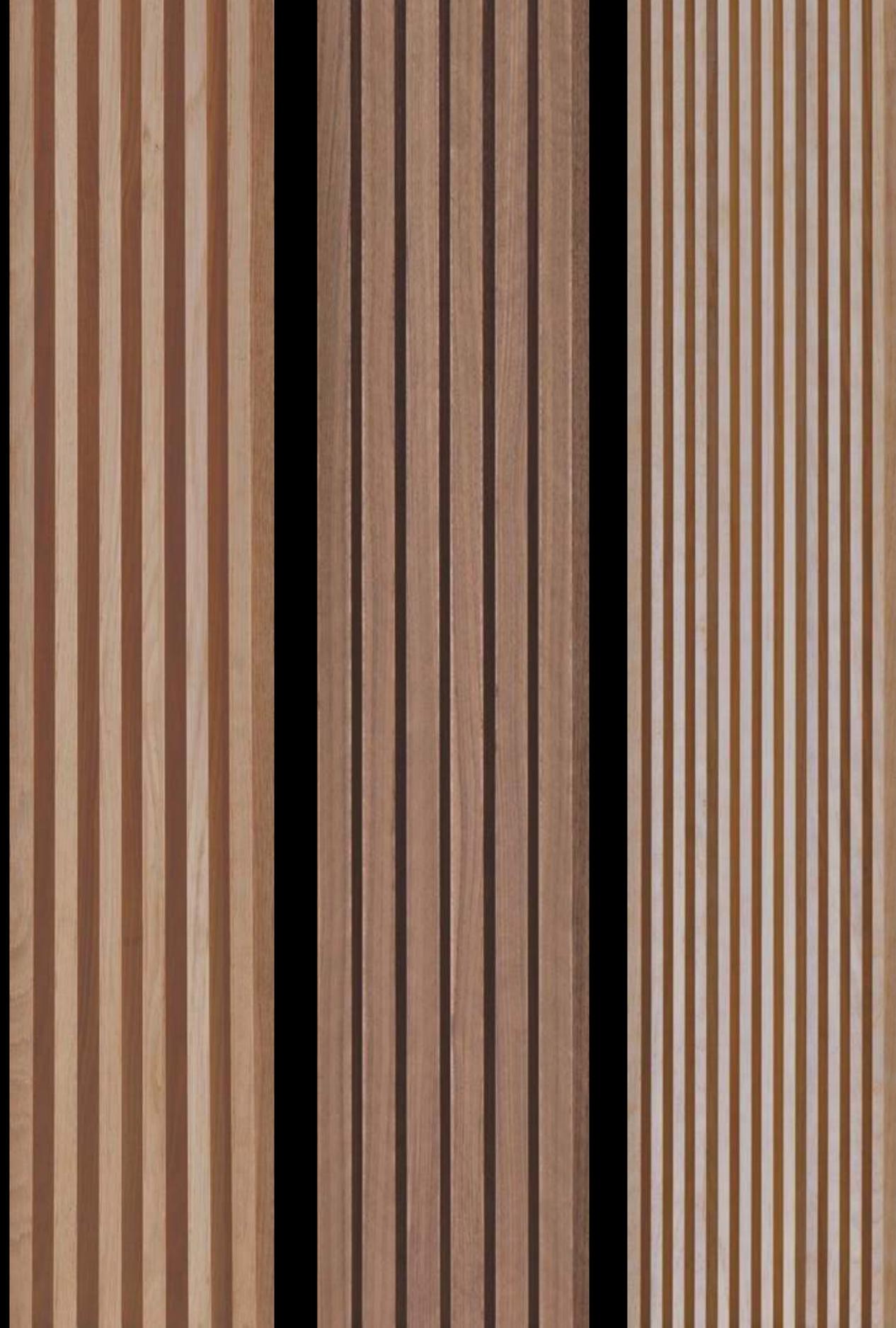
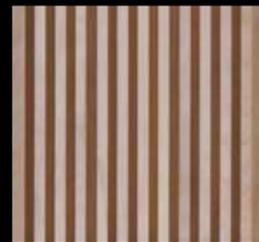
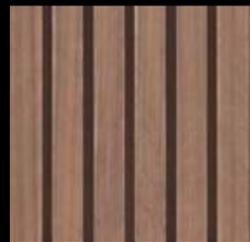
Length: 10 ft

Formats:

Regular

Wide

Narrow



The logo for RIVA TILE wood features the word 'RIVA' in a white, sans-serif font, followed by a blue diagonal slash. To the right of the slash, the word 'TILE' is written in a larger, white, sans-serif font, and the word 'wood' is written in a smaller, white, lowercase sans-serif font directly below it.

RIVA / TILE
wood

RIVA Tile Wood is the perfect addition to your natural wood flooring.

An exact match in color and width to RIVA MAX.

COTTON

CRYSTAL

SAND



Wood Pearl



Tile Pearl

RIVA \ MOSS

Preserved moss is **real moss** that has been organically engineered to be able to maintain its vibrant colors and natural characteristics. All of our moss is sustainably harvested from different forests spanning across Europe.



RIVA\MOSS

TEXTURES

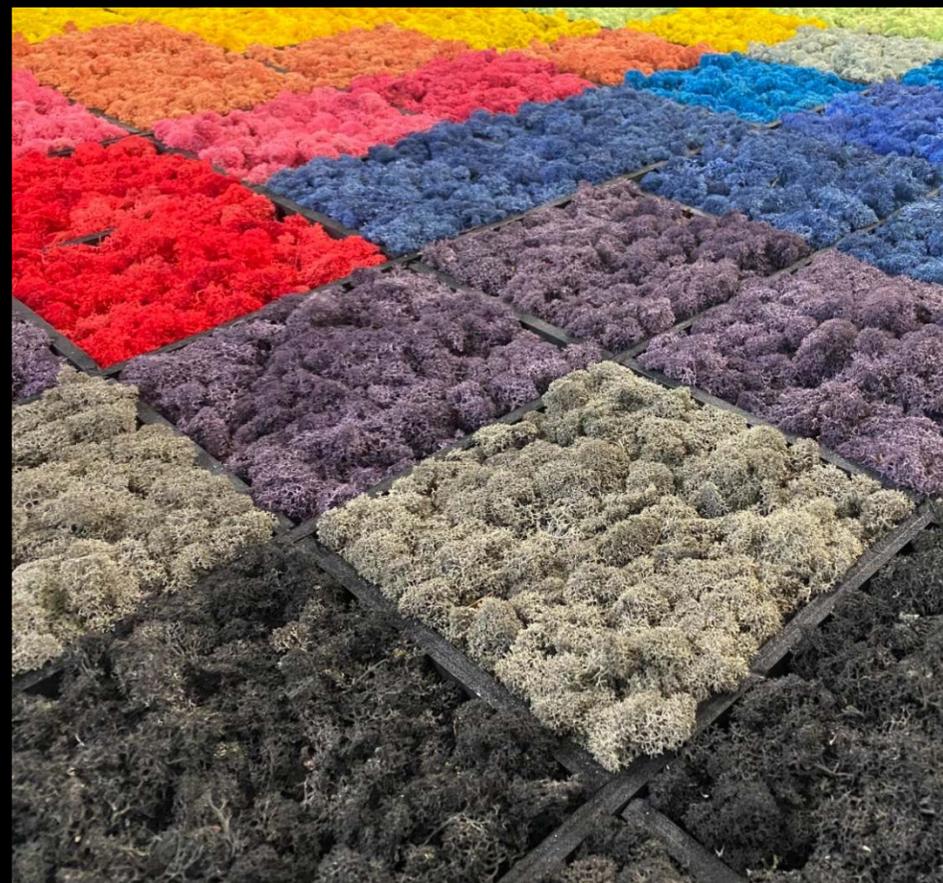
Moss Ball

Light green & dark green



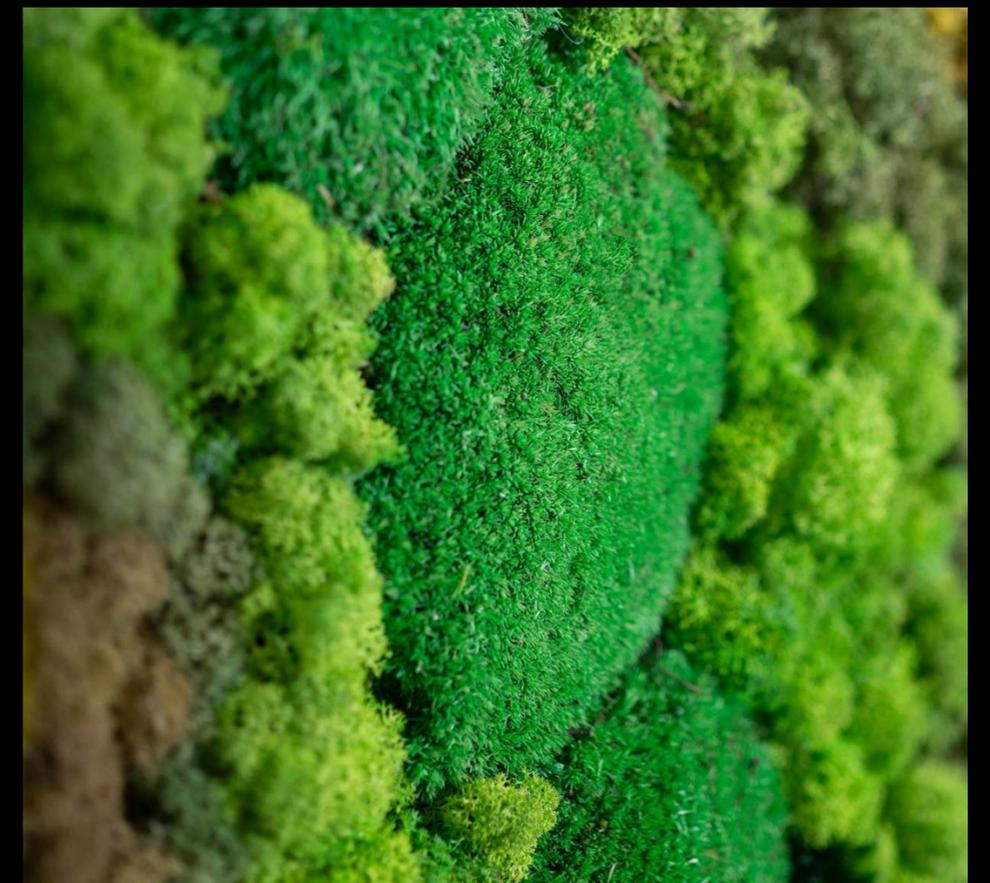
Moss Lichen

16 colors



Moss Mood

Light green & dark green

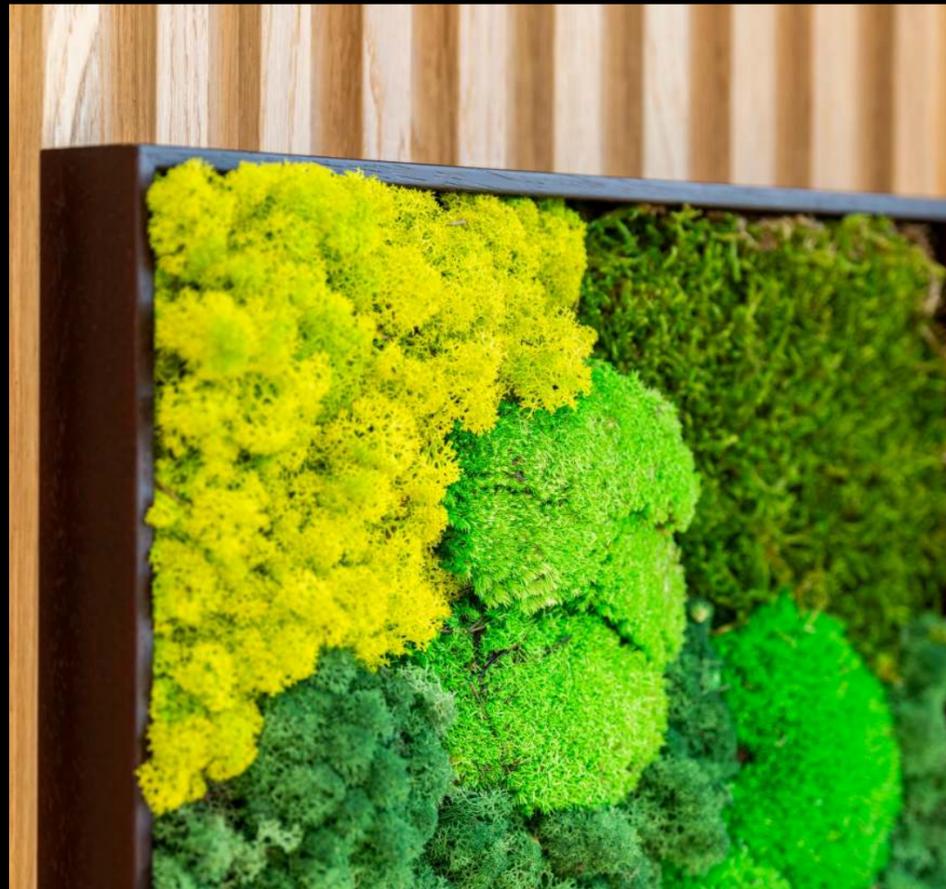


RIVA \ MOSS

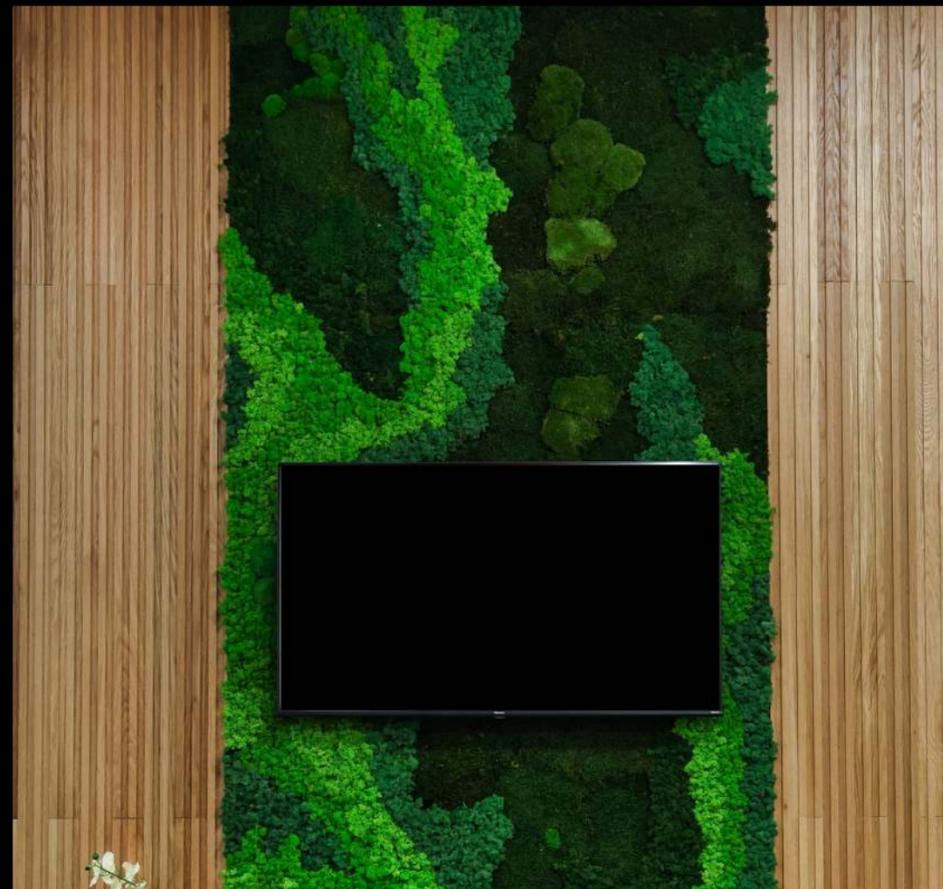
FORMATS

Moss Framed

3 Collections



Moss Walls



Moss Projects



RIVA\MOSS

FRAMED | ESSENTIAL COLLECTION



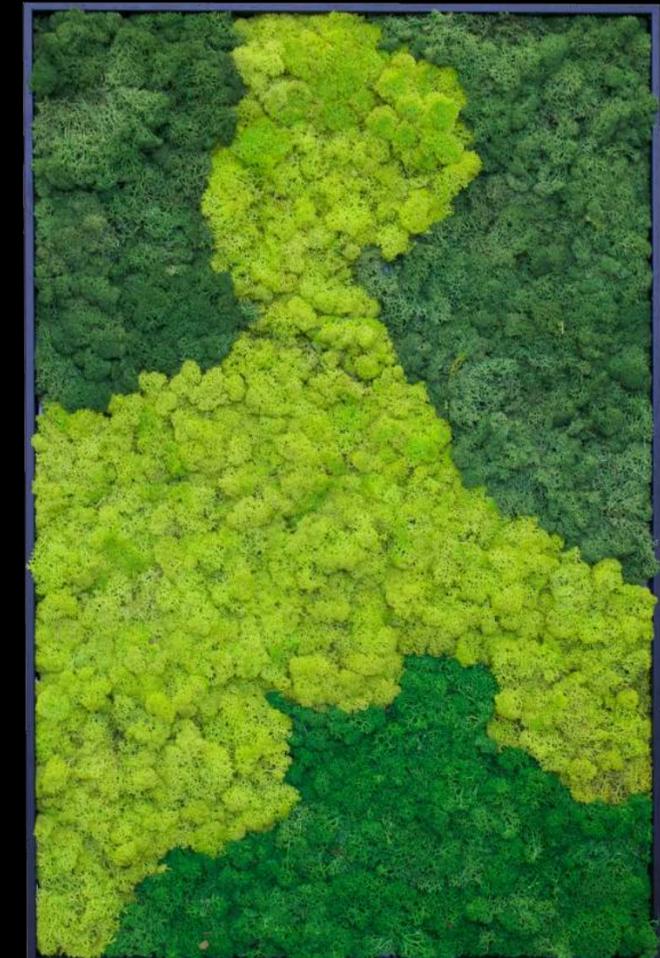
Size 20"



Size 17.5" x 17.5"



Size 15" x 35"



Size 20" x 30"

RIVA \ MOSS

FRAMED | AMAZONIA COLLECTION



Size 25"



Size 25" x 25"



Size 30" x 50"



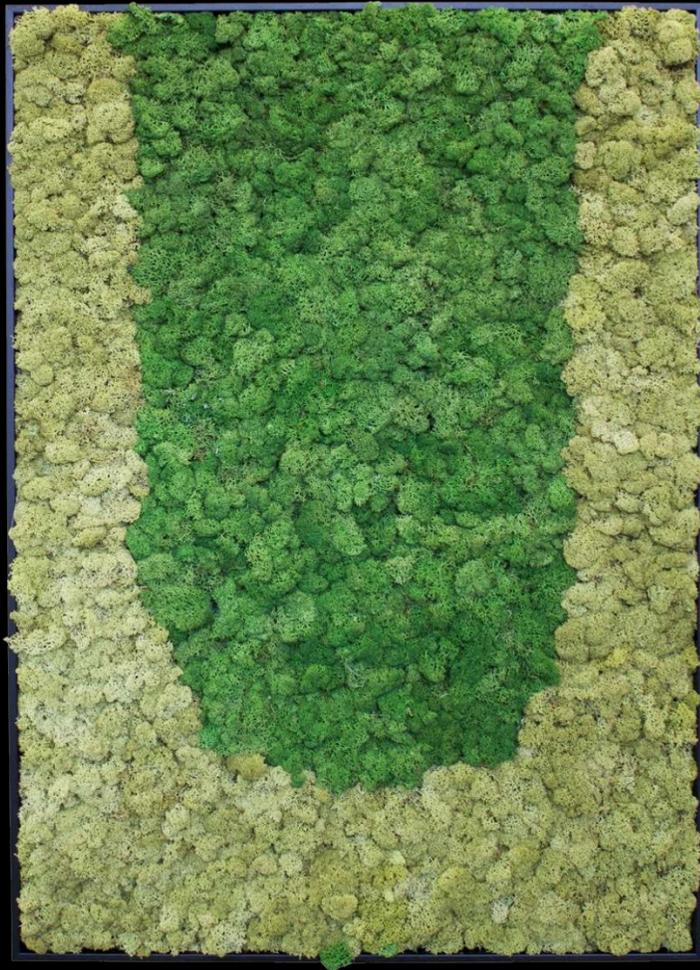
Size 30" x 50"

RIVA \ MOSS

FRAMED | MOMA COLLECTION



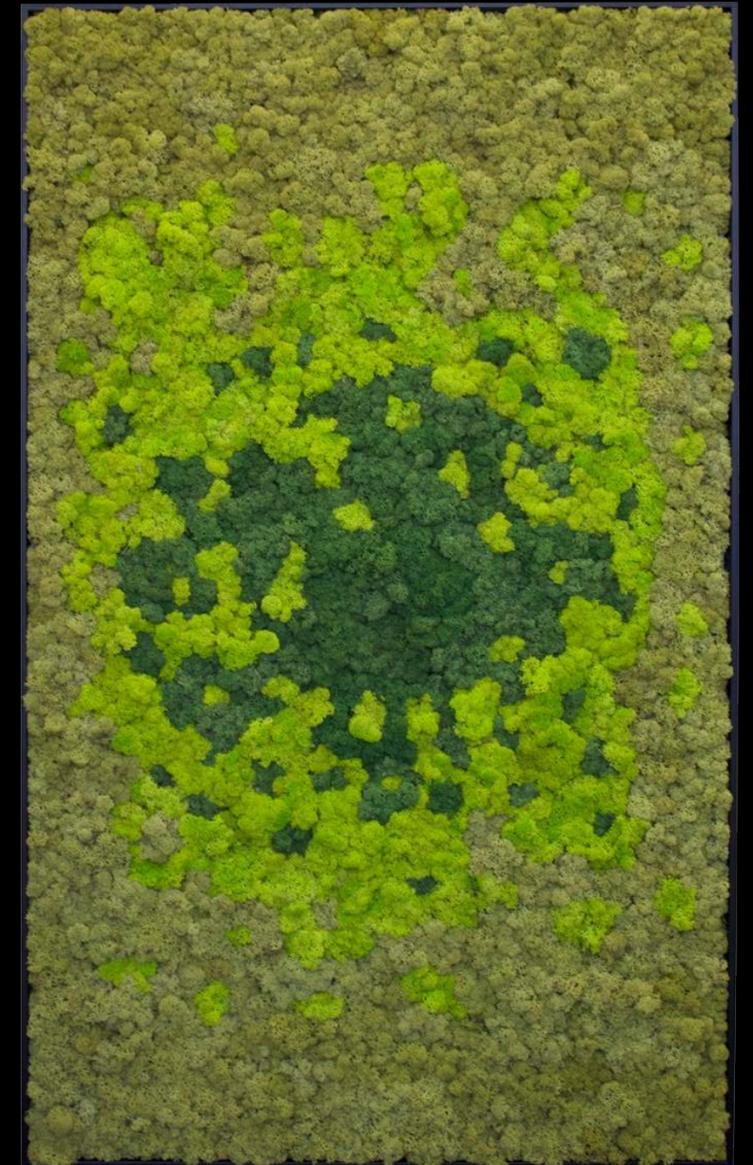
Size 15 x 35"



Size 25 x 35"



Size 25 x 35"



Size 30 x 50"

SUSTAINABILITY IS OUR PRIORITY

3=1

VOC
FREE



We **respect the environment** at every step of our production process.

We are **certified with the strictest environmental standards** and our raw materials are selected and chosen by experts.

RIVA is **firmly committed to the environment** and the ethical and efficient management of forests.

RIVA MATERIAL INNOVATION DESIGN STUDIO



The University of Miami School of Architecture

In-depth research of Material Streams,
Supply Chains, Manufacturing Processes,
and Product Innovation



THE
RIVA
PRIZE
2024



The RIVA Prize
A recognition for outstanding achievements in **sustainable
architecture and materials innovation**

RIVA
SPAIN

www.rivaspain.com