

# HAKWOOD

Technical Book

Rooted in nature



# Hakwood technical book






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01

# Wood species & grades

Chapter 01

## European oak and ash

Hakwood sources the finest varieties of oak and ash, using local, naturally sustainable species from European woodland within an area that spans from France to the Balkans.
The majority of Hakwood's products are made in European oak. Long-associated with projects designed to stand the test of time (architecture, shipbuilding, furniture), oak possesses all the necessary attributes for lasting quality: beyond its sheer beauty, it is resistant, stable and sustainable.
Hakwood also offers some products in European ash, whose qualities are comparable to those of oak and thus meet the same stringent requirements.
Choosing between these two species essentially comes down to a question of taste. The warm tones and familiar character of oak, or the finer, paler grain of ash. While it is generally considered that oak is the more solid of the two, oak and ash are both extremely resilient to the wear and tear of intensive use.

In order to ensure the premium quality of its products, Hakwood only uses wood from trees that have reached maturity, typically some 100 to 200 years old. Hardwood is selected from the lower part of the tree, from the base and trunk, which provide the most uniform wood with no or few, light knots.



## Selecting the right grade

Once the wood has rested sufficiently and achieved the optimum level of moisture content, it can begin its journey to become finished engineered flooring.
Our experts meticulously examine each lamella to assess its grade. With a vast selection of grades available, this step demands a trained eye and complete focus. For optimal results, both sides of the lamella are inspected and the best is selected as the finished face.

### European oak grades

Our varied grades introduce unique aesthetics to interior spaces. From the pristine elegance of Prime to the rustic charm of Classical, each selection bestows a distinctive personality.



**Prime — European oak**

Our Prime European oak flooring is a great choice for minimalists and modern spaces. A smooth, continuous grain allowing small pin knots.



**Refined — European oak**

Minimal sound knots bring a touch of the signature oak texture you know and love while maintaining a long, subtle grain that fits in any space.

**Select — European oak**

A long, sweeping grain dappled with small, sporadic knots gives our Select planks a subtle texture that works with any design style.

**Natural — European oak**

Small knots throughout bring character and depth to your floors. Warm and cozy, our Natural oak grade flooring speaks of time- honored interiors and effortless style.

**Classical — European oak**

The characteristic knots give our Classical oak flooring soul and rustic charm that's second to none. Rich and warm, this style brings the best of nature's work to your interiors.

**Prime — European ash**

For our European Ash floors, we offer a beautiful, clean grade that complements any interior. Clean, minimal, and modern, our European ash flooring provides the perfect durable backdrop for everyday life.



European Oak, Original
Project: Migotto
Location: São Paulo, Brazil



European Oak, Heritage
Project: Modern Lake
Location: Oslo, Norway



European Oak, Pure Brushed
Project: Private Residence
Location: Cape Town, South Africa

02

# DuoPlank® & patterns

Chapter 02

## DuoPlank®

We are proud to be the inventor of DuoPlank®, a process of combining an expertly climate-controlled, air-dried hardwood layer with high-grade, water-resistant birch plywood. The resulting product is a superior, balanced, and dimensionally stable flooring solution that combines the look and feel of a solid wood floor with the stability and installation flexibility of an engineered floor.

DuoPlank® enables the installation of Hakwood flooring in places and under conditions where solid flooring is not an option. Our planks are designed to reduce movement in your flooring, no matter the season.

### Laminating the plywood & hardwood

For each grade, the lamellae move on to the next step: gluing. Using formaldehyde-free glue, we secure the lamellae to a water-resistant Baltic birch plywood backer. DuoPlank® is now a reality.
As the inventor of DuoPlank®, we only use the finest quality Baltic birch plywood that has a perfectly balanced moisture content with our lamellae.
The combination of our dried hardwood and birch plywood creates a base plank that is one of the most stable in the world.



### Side view

European oak or ash top layer in the color and finish of your choice.

Birch plywood sub layer, expertly engineered to create the most durable, heirloom-quality wood flooring.



## Patterns and dimensions

Hakwood flooring has a very distinctive look and feel of its own, and laying a pattern instead of classic boards can add further visual interest to your project, transforming the perception of a space by giving it rhythm and dynamism. Hakwood offers assistance in creating tailor-made wood flooring designs for a unique project.



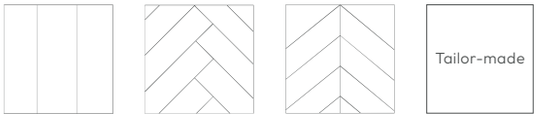
From existing patterns to one-off bespoke designs, Hakwood enables you to realise your projects.



**European Oak, Loyal,**
**Project: Classic Apartment**
**Location: Oslo, Norway**

# Patterns and dimensions

**— Specificity**




Hakwood flooring is available in three standard thicknesses: 14 mm (9/16”), 15 mm (5/8”), and 20 mm (3/4”). This allows for structural versatility according to load requirements and design specifications.





**European Oak, Loyal**
**Project: Classic Appartment**
**Location: Oslo, Norway**


Plank, Original

## 01 Plank

| mm | Thickness | Width | Length |
|---|---|---|---|
| | 14 mm | 110 mm | 1080 mm |
| | 15 mm | 142 mm | 1230 mm |
| | 20 mm | 180 mm | 1480 mm |
| | | 240 mm | 1800 mm |
| | | 300 mm | 1980 mm |
| | | | 2230 mm |
| | | | 2480 mm |
| | | | 3000 mm |

| Inch | Thickness | Width | Length |
|---|---|---|---|
| | 9/16" | 4 11/32" | 3'7" |
| | 5/8" | 5 9/16" | 4' |
| | 3/4" | 7" | 4'10" |
| | | 9 1/2" | 5'11" |
| | | 11 13/16" | 6'6" |
| | | | 7'3" |
| | | | 8'1" |
| | | | 9'10" |


Herringbone, Harmony

## 02 Herringbone

| mm | Thickness | Width | Length |
|---|---|---|---|
| | 15 mm | 80 mm | 480 mm |
| | 15 mm | 110 mm | 550 mm |
| | 15 mm | 142 mm | 710 mm |
| | 15 mm | 180 mm | 1080 mm |
| | 20 mm | 142 mm | 710 mm |
| | 20 mm | 180 mm | 1080 mm |

| Inch | Thickness | Width | Length |
|---|---|---|---|
| | 5/8" | 3 5/32" | 18 29/32" |
| | 5/8" | 4 11/32" | 21 21/32" |
| | 5/8" | 5 9/16" | 27 15/16" |
| | 5/8" | 7" | 42 1/2" |
| | 3/4" | 5 9/16" | 27 15/16" |
| | 3/4" | 7" | 42 1/2" |




Chevron 60°, Locke

## 03 Chevron 60°

| mm | Thickness | Width | Length |
|---|---|---|---|
| | 15 mm | 110 mm | 510 mm |
| | 15 mm | 142 mm | 510 mm |
| | 20 mm | 142 mm | 510 mm |

| Inch | Thickness | Width | Length |
|---|---|---|---|
| | 5/8" | 4 11/32" | 20 1/16" |
| | 5/8" | 5 9/16" | 20 1/16" |
| | 3/4" | 5 9/16" | 20 1/16" |


Chevron 45°, Fossil

## 04 Chevron 45°

| mm | Thickness | Width | Length |
|---|---|---|---|
| | 15 mm | 110 mm | 550 mm |
| | 15 mm | 142 mm | 660 mm |
| | 20 mm | 142 mm | 660 mm |

| Inch | Thickness | Width | Length |
|---|---|---|---|
| | 5/8" | 4 11/32" | 21 21/32" |
| | 5/8" | 5 9/16" | 25 31/32" |
| | 3/4" | 5 9/16" | 25 31/32" |



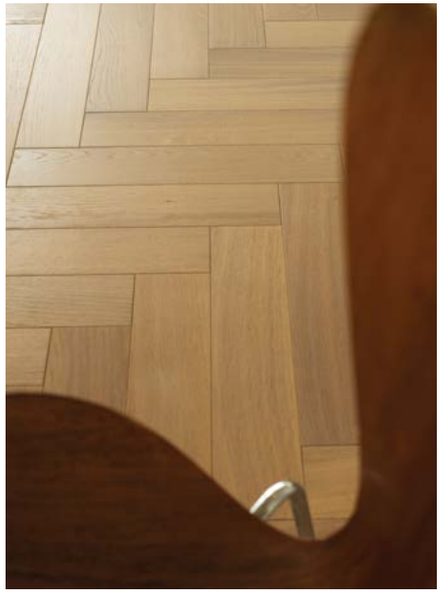
European Oak, Forza
Project: Feinschmecker Restaurant
Location: Oslo, Norway



European Oak, Original
Project: Private Residence
Location: Brazil



European Oak, Aura
Project: Arches
Location: Chicago, USA



European Oak, Valor
Project: Rocky Garden Home
Location: Oslo, Norway

03

# Colors, textures & finishes

Chapter 03

## Colors

Hakwood's engineered flooring products in European oak and ash are available in a generous palette of colors, ensuring maximum creative freedom to suit any kind of project. These color options are organized into three families of light, medium and dark tones, resulting in an overall selection of 55 colors.




**European Oak, Bespoke**
**Project: Delaire Graff Estate**
**Location: Stellenbosch, South Africa**



European Oak, Aura
Project: Surfer House
Location: California, USA



## Light color



**Aura** — Smooth

## Light color



**Mayenne** — Brushed



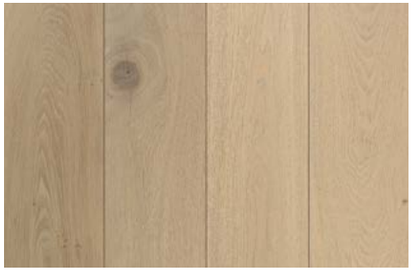
**Saumur** — Hand Hewn



**Lena** — Smooth



**Worthy Brushed** — Brushed



**Worthy** — Smooth



**Velino** — Brushed



**Tundra** — Smooth



**Eden** — Smooth



## Light color



**Glaze** — Smooth



**Navia** — Smooth



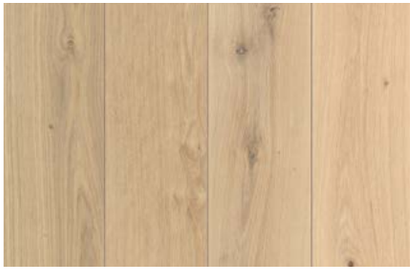
**Misty** — Smooth



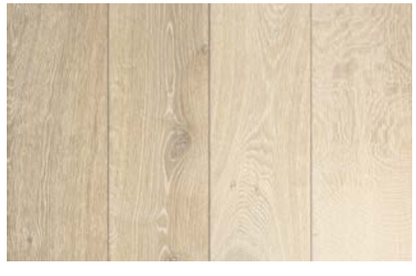
**Pure Brushed** — Brushed



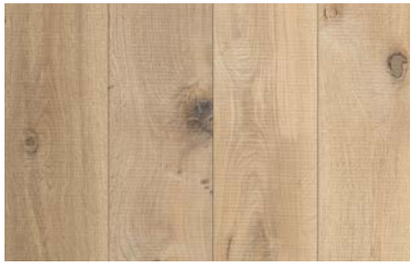
**Destin** — Smooth



**Pure** — Smooth



**Vedetta** — Brushed



**Vivaldi** — Sawn

European Oak, Forza
Project: Modern Mountain Home
Location: Park City, USA



## Medium color



**Forza** — Sawn

## Medium color



**Original** — Smooth



**Honest** — Smooth



**Drift** — Smooth



**Heritage** — Smooth



**Valor** — Smooth



**Beynac** — Hand Hewn



**Amboise** — Hand Hewn



**Vista** — Brushed



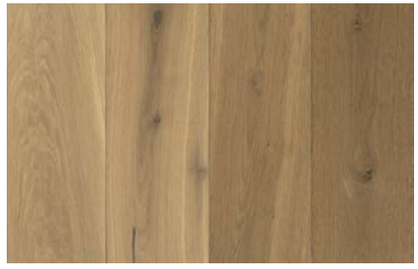
## Medium color



**Valor Brushed** — Brushed



**Savoy** — Sawn



**Pebble** — Brushed



**Vanna** — Brushed



**Locke** — Smooth



**Tranquility** — Smooth



**Grotto** — Smooth



**Storm** — Smooth

# Medium color



**Conte** — Sawn



**Ideal** — Smooth



**Siva** — Smooth







**European Oak, Sincere Brushed**
**Project: Heber City Project**
**Location: Utah, USA**



# Dark color



Sincere Brushed — Brushed

## Dark color



**Chaumont** — Hand Hewn



**Divo** — Sawn



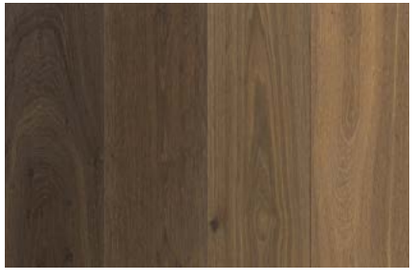
**Montguyon** — Hand Hewn



**Raven** — Smooth



**Promise** — Smooth



**Tempest** — Smooth



**Vitre** — Hand Hewn



**Cove** — Smooth



## Dark color



**Cheverny** — Hand Hewn



**Umber** — Smooth



**Sincere** — Smooth



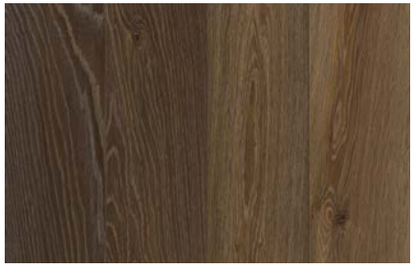
**Vesper** — Smooth



**Chantilly** — Hand Hewn



**Talina** — Smooth



Husk — Brushed



Nera — Brushed

# Dark color



**Segura** — Brushed



## Surface textures

Each floor has its own feel and touch. Hakwood offers a choice of four surface textures – smooth, sawn, hand hewn, and brushed – each one bringing out the natural beauty of wood.



European Oak, Pure
Project: Laraki Residence
Location: Atherton, USA



**Sawn**

Inspired by raw timber straight from the sawmill, this texture retains visible saw marks across the surface. The result is an expressive, industrial aesthetic that introduces rhythm and movement.



**Smooth**

A clean, contemporary finish with a completely flat, finely sanded surface. Smooth flooring presents the wood in its purest form.



European Oak, Montguyon
Project: Revier Hotel
Location: Oslo, Norway



**Brushed**

A refined finish where softer wood fibres are gently removed to reveal the grain's natural depth and definition.
Brushed surfaces offer a subtle tactility that highlights the wood's organic character, adding warmth and texture.

**Hand Hewn**

Crafted to evoke traditional woodworking techniques, this texture is hand-worked plank by plank, resulting in unique, sculpted surfaces with visible tool marks. Hand Hewn adds a sense of authenticity and artisanal depth.

## Finish types

Discover our finish types. A curated range that balances visual refinement with performance. Crafted for exclusive interior projects. Explore the ideal finish for your wood floors from our comprehensive range of options, UV Oil, DuoVarnish, Ultramatte Lacquer and Lacquer finishes, each tailored to enhance beauty and durability. UV Lacquer is available as a bespoke option for selected colours, offering a slightly higher gloss level.

| **Benefits and features** | **UV Oil** | **Duo Varnish** | **Ultramatte Lacquer** | **Lacquer** | **UV Lacquer** |
|---|---|---|---|---|---|
| Most authentic look and feel of the wood | ••• | •• | •• | ••• | • |
| Most color options | ••• | ••• | ••• | ••• | • |
| Suitable finish types for high traffic areas in combination with the correct required maintenance | •• | ••• | ••• | ••• | ••• |
| Easiest spot repair | ••• | • | •• | •• | • |
| Strong protective layer on top of the wood | •• | ••• | ••• | ••• | ••• |
| Thicker protective layer on top of the wood | • | ••• | ••• | ••• | ••• |
| Floor walkable directly after installation, so no long drying times compared to on-site applied finishes | ••• | ••• | ••• | ••• | ••• |
| Water and chemical spot resistance | •• | •• | •• | •• | ••• |
| Water-based, natural oil-based or chemically-based materials | Natural Oil based | Water based Natural oil based | Water based | Water based | Chemically based |
| Standard gloss level range in Gloss Units (GU)<br>- Matte <10 GU<br>- Semi Gloss 10-70 GU<br>- High Gloss >70 GU<br>Other gloss levels only possible with bespoke products. | 7-12 GU | 5-7 GU | 3-5 GU | 5-20 GU | 7-15 GU |
| Advised cleaning product | Hakwood Clean | Hakwood Clean | Hakwood Clean | Hakwood Clean | Hakwood Clean |
| Advised maintenance product | Hakwood Oil Care | Hakwood Oil Care | Hakwood Finish Care | Hakwood Finish Care | Hakwood Finish Care |





## 01 UV Oil

Experience the most authentic look and feel of natural wood with our UV Oil finish. This finish enhances the wood's natural beauty while providing a warm and inviting appearance.

Opt for UV Oil if you love the natural beauty of wood and are willing to invest in regular maintenance. It's perfect for living rooms and bedrooms where a warm, authentic look is desired, especially suited for residential spaces. The advised cleaning product is Hakwood Clean and for maintenance Hakwood Oil Care.



## 02 DuoVarnish

Our DuoVarnish finish offers the perfect blend of durability and aesthetic appeal. This hybrid finish combines the best features of oil and varnish, making it suitable for high-traffic areas like hallways and commercial spaces. With its strong protective layer, DuoVarnish ensures long-lasting beauty and protection.

Choose DuoVarnish for high-traffic areas like hallways and offices. Its hybrid nature offers a balance of durability and elegance, making it a versatile choice for busy spaces, particularly suitable for commercial spaces. The advised cleaning product is Hakwood Clean and for maintenance Hakwood Oil Care.





## 03 Ultramatte Lacquer

Achieve a sleek, modern look with our Ultramatte Lacquer finish. This ultra-matte finish provides a sophisticated and contemporary appearance. It offers excellent protection against wear and tear, ensuring your floors remain pristine.

Choose Ultramatte Lacquer for its stylish look and robust protection, ideal for high-traffic areas, particularly suitable for commercial spaces. The advised cleaning product is Hakwood Clean and for maintenance Hakwood Finish Care. For bespoke projects, we also offer Lacquer as a finish. This option has a slightly higher sheen level, and its specifications can be found in the table alongside.



## 04 UV Lacquer

Our UV Lacquer finish delivers exceptional protection with a thick, durable layer. Highly resistant to water and chemical spots, it is ideal for areas prone to spills and stains, such as kitchens, bathrooms, and commercial settings.

Choose UV Lacquer for maximum protection and minimal upkeep. Suitable for residential spaces exposed to frequent use and for commercial environments. The advised cleaning product is Hakwood Clean and for maintenance Hakwood Finish Care. (There are no collection items with this finish; it is available for bespoke projects.)

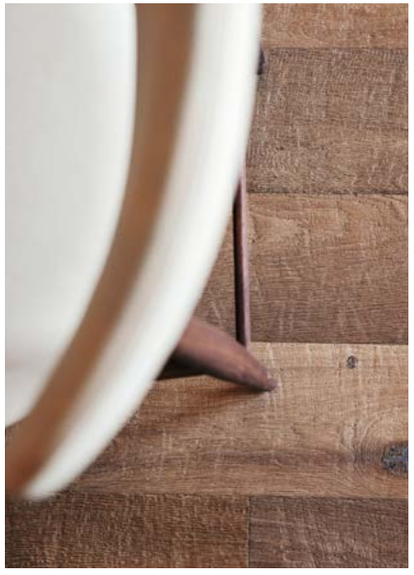




European Oak, Promise
Project: Penthouse
Location: São Paulo, Brazil



European Oak, Pure Brushed
Project: Private Residence
Location: Cape Town, South Africa



European Oak, Montguyon
Project: Revier Hotel
Location: Oslo, Norway



European Oak, Forza
Project: Stony Hill
Location: Texas, USA

# 04

# Bespoke

True design freedom starts with a choice

## Made to measure, made to order

Hakwood offers a wide range of bespoke solutions for truly unique projects. Colors developed on demand, personalized finishes, new patterns, dimensions adapted to the space; every floor is made to order, ensuring that it is as durable as it is beautiful, providing lasting value and performance. Hakwood accompanies you throughout your project to ensure its successful completion. With our extensive experience and technical expertise, we combine craftsmanship and cutting-edge technology to design and create your unique product.





**True design freedom starts with a choice**

At Hakwood, every project begins with a conversation. With over 4,300 color references to date, our archive is a rich source of inspiration and a springboard for creating custom colors, handcrafted finishes, intricate parquet patterns, and tailored dimensions. Every surface is crafted around your vision.

Early collaboration is key: working directly with Hakwood's color and design teams, you can fine-tune every element. Whether you seek subtle continuity or striking contrast, we can help translate your ideas into a durable, made-to-order floor.

At Hakwood, bespoke is not a single product, it's a way of thinking – flexible, precise, and rooted in partnership.







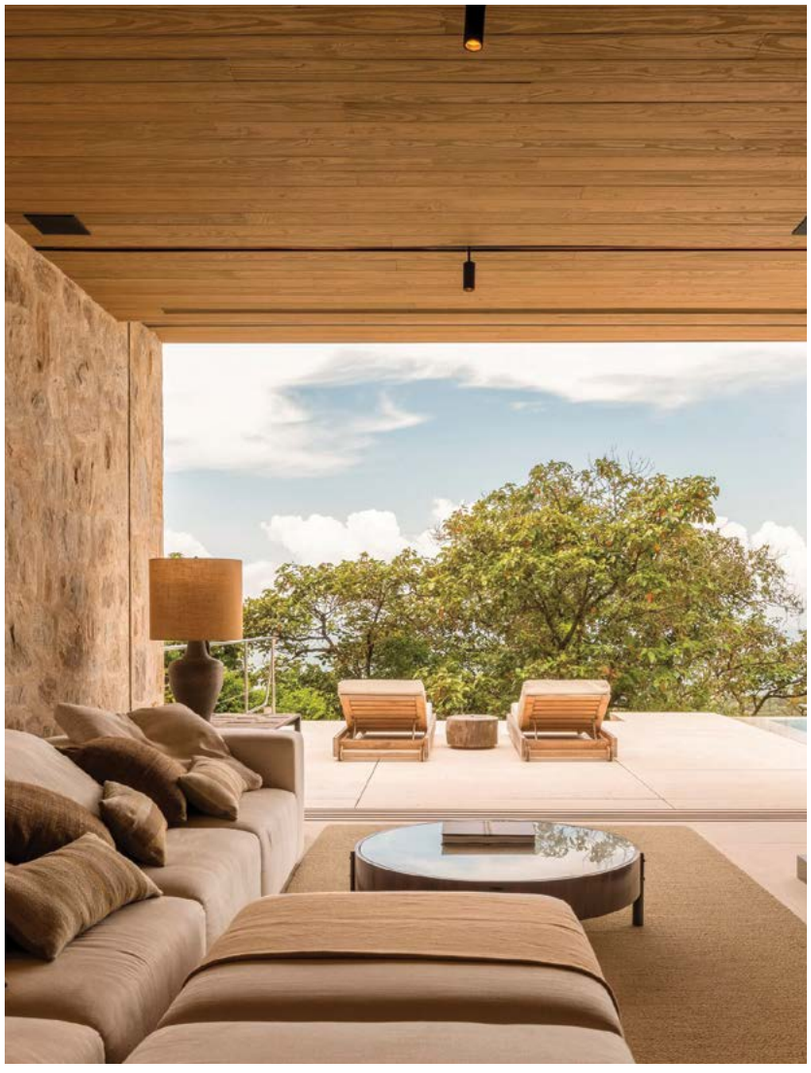


Follow your inspiration and feel free to imagine a tailor-made project, ask our sales department for help.



## Atlantic Forest House, Guarujá, São Paulo

Designed by Studio Arthur Casas (São Paulo, New York, Lisbon), this house boasts a breathtaking natural setting, nestling on the edge of the forest, while also opening out onto the Atlantic Ocean. Echoing the landscape, the architects have favored natural materials and tones, creating an atmosphere that is both relaxing and contemplative.









In each room of the house, a palette of light, neutral tones creates a harmonious dialogue between interior and exterior spaces and tropical vegetation.







Specificity

| | |
|---|---|
| **Species:** | European Oak |
| **Flooring:** | HV0729 |
| **Grade:** | Classical |
| **Surface texture:** | Smooth |
| **Finish:** | Oil |
| **Plank width:** | 180 mm (7") |
| **Pattern:** | Plank |
| **Location:** | São Paulo, Brazil |

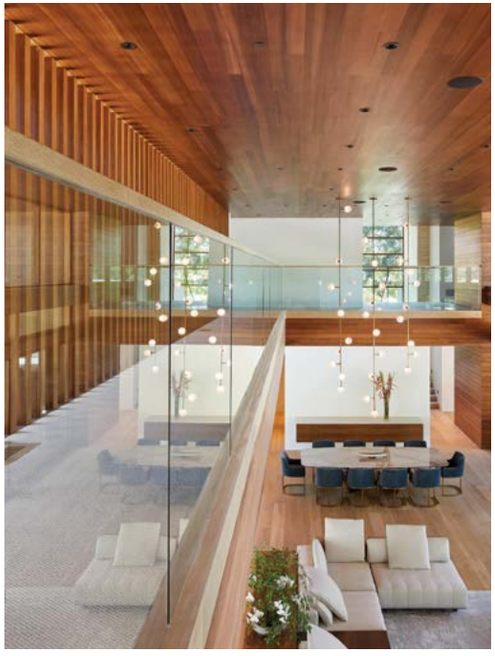


European Oak, Bespoke
Project: Park City,
Location: Utah, USA





European Oak, Bespoke
Project: Delaire Graff
Location: Stellenbosch, South Africa



European Oak, Bespoke
Project: Lee House
Location: Lafayette, USA

05

# Parquet tiles

A variable geometry

## Parquet tiles

Designed to offer endless possibilities and maximum creative freedom, Hakwood Parquet Tiles combine traditional craftsmanship with modern technology. Unique in their design, they are seamless and available in a variety of textures, color combinations, and options. These inspired and inspiring patterns bring the flooring alive, bringing a touch of elegance.

### Noble roots, timeless traditions, contemporary inspirations

Refined over centuries, the venerable art of parquetry has evolved from simple blocks of wood to intricate geometric designs that symbolize luxury and taste. Originating in 17th-century France, the iconic “parquet de Versailles” brought forth an era of unparalleled elegance with its unique and extraordinary patterns in European oak.







Creativity, bespoke design and precision

More than just flooring, Hakwood parquet tiles can transform an interior design project into a statement piece. They enhance the feel of a room with an infinite variety of patterns, tones, and textures. These geometric patterns literally transform the space, warming up a minimalist decor or complementing other decorative elements. These parquet tiles add an exclusive touch to interiors, giving them a unique character.

Each parquet tile requires the meticulous craftsmanship of our highly skilled teams.





Timeless sophistication

For the Madam restaurant at the Daxton Hotel in Birmingham, Michigan, in the US, Hakwood custom-designed the geometric pattern of these tiles. Echoing the tone-on-tone patterns of the ceiling and walls of this large dining room, the shapes and shades combined in the tiles add energy and warmth to the decor, giving it a truly sophisticated feel.

Our in-house R&D team working with the finest artisans in the business are proud to provide bespoke panel designs for the most discerning clients. Our parquet tiles adorn the most prestigious and inspiring interiors all around the world.

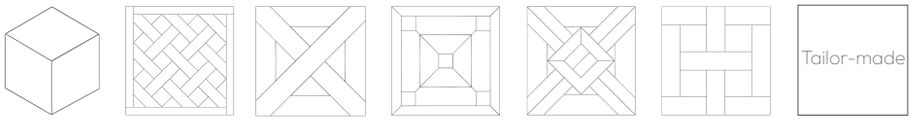


**European Oak, Custom-Made**
**Project: Madam restaurant**
**Location: Birmingham, Michigan, USA**

## Designs

Select from the six tile designs offered by Hakwood, or partner with our experts to create a bespoke pattern of your own design. Our tile designs are available in stunning color combinations, offering endless design possibilities.

**— Specificity**

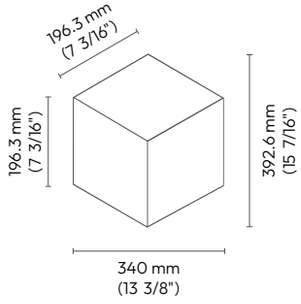







### 01 Alcazar

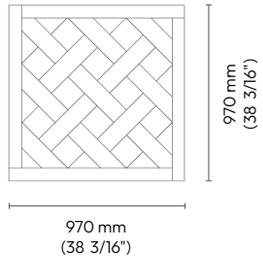
Inspired by the heavily Moorish-influenced architecture of the Royal Alcazar of Seville, this parquetry tile references a pattern dating back to the 11th century. As striking now as it was at its inception, the pattern's angular isometric design and cubist character are well suited to both traditional and contemporary interiors.






### 02 Versailles

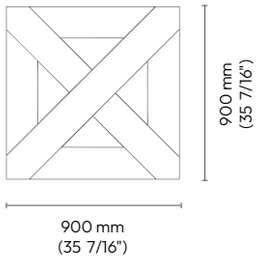
When first revealed at the Palace of Versailles, this repetitious assembly of European Oak in a lattice design was nothing short of revolutionary. Traditionally arranged in a diamond formation originating from the hearth, Versailles parquetry adorns innumerable interiors, old and new, near and far, traditional and modern.






## 03 Kensington

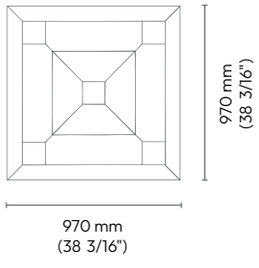
Kensington eschews elaborate design to highlight simple geometry, particularly emphasizing a minimalist cross pattern whilst highlighting wood grain. Enhance the visual impact of the pattern with a high-contrast color variation or opt for a singletoned design to introduce subtle texture and richness to your projects. In either case, you'll achieve a visually striking flooring solution that effortlessly captures attention.






## 04 Alhambra

A source of inspiration across art, music, literature, and mathematics for centuries, Spain's Alhambra Palace embodies the essence of geometric mastery and precision, reflecting the influence of Islamic architecture. Our artisans have drawn from its iconic diamond carvings and symmetrical designs to create this namesake tile. The Alhambra tile, featuring interlocking squares and striking angles, infuses floors with intricate detail, depth, and a sense of dimension.

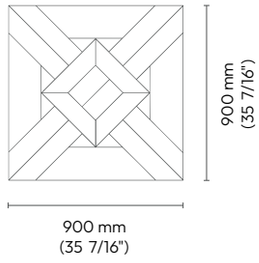







## 05 Chambord

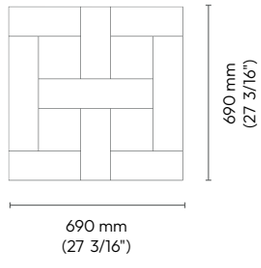
With decadent architecture and unparalleled detail, the Loire Valley's iconic palace is the perfect muse for our Chambord parquet tiles. A striking pattern mimics the lines of an aerial view, from corner towers to the geometric paths of the grounds beyond the palace walls.






## 06 Vecchio

Inspired by the parapets of Florence's signature palace, our Vecchio flooring boasts a simple geometry. Fitted together, the tiles create a grid-like pattern that's steady and grounding, with a sweeping diagonal for movement.








European Oak, Bespoke Parquet Tile,
Project: Lola Brasserie
Location: Jeddah, Saudi Arabia



Parquet Tile, Vecchio

06

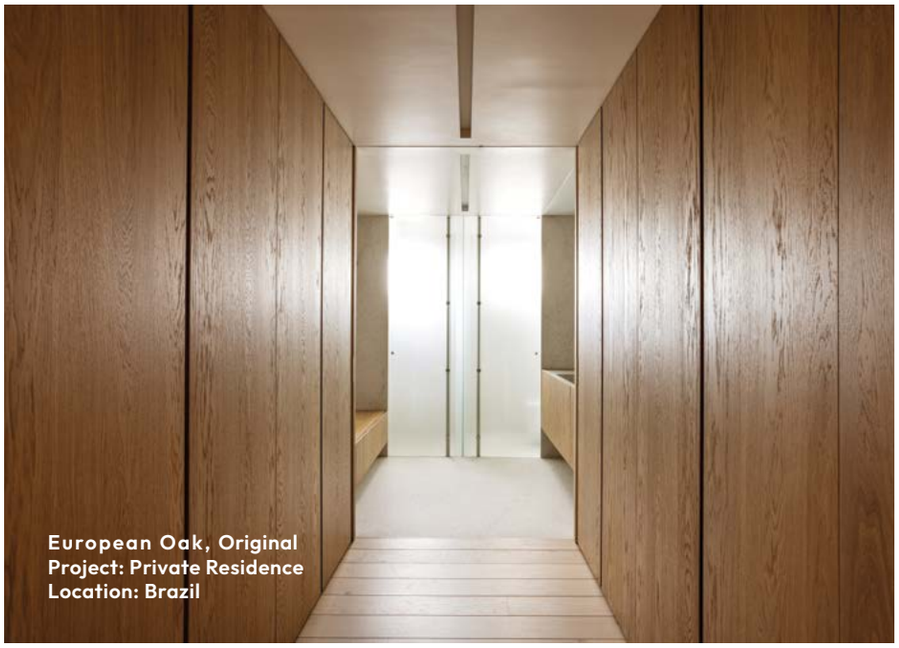
# Wall & ceiling panels

Chapter 06

## Wall and ceiling panels

# Designed to embellish your interiors and provide a harmonious finish, our wall and ceiling panels are made to measure by our expert teams.

Made from high-quality European oak, these panels demonstrate expert skill, boasting irreproachable precision and a design to meet the demands of any project – from the most classic to the most innovative. These panels are available in the majority of Hakwood's colors, with bespoke solutions allowing you to personalize your finish.



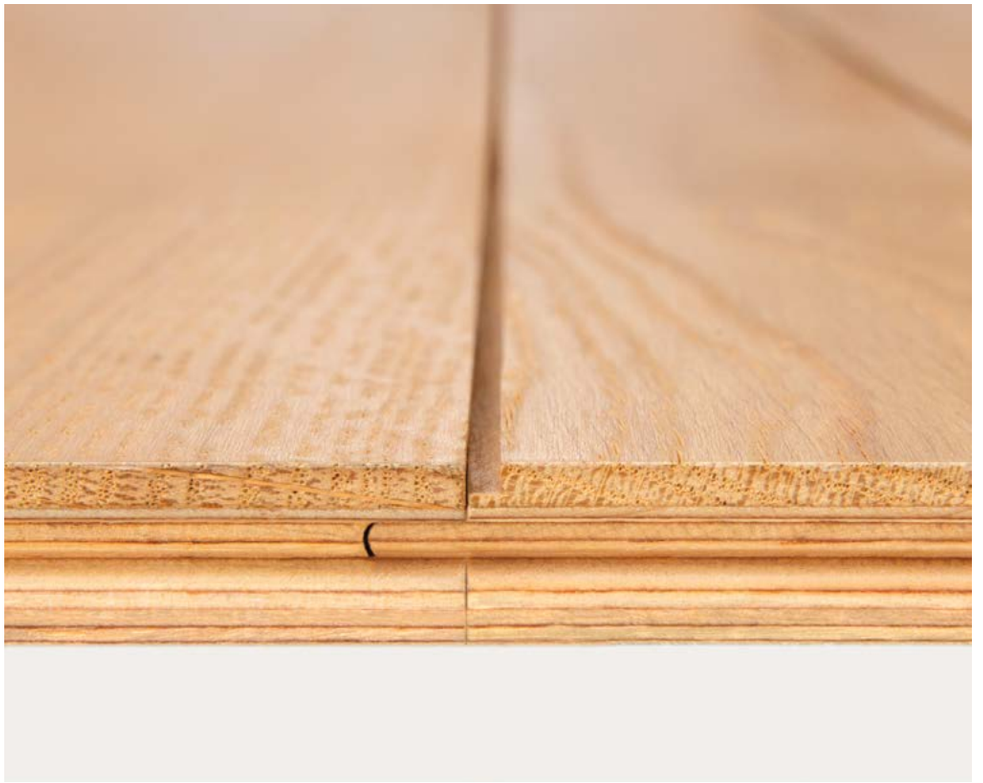
**European Oak, Original**
**Project: Private Residence**
**Location: Brazil**



**European Oak, Worthy Brushed**
**Project: Casa Angra Do Reis**
**Location: Rio De Janeiro, Brazil**



European Oak, Worthy Brushed
Project: Casa Angra Do Reis
Location: São Paulo, Brazil



The wall and ceiling panels offer a nuanced range that allows each project to find its own rhythm, in dialog with the architectural scale and the singular spatial breathing of the environment.

Planks are available in four widths; the precision of the spacing between the planks guaranteeing the homogeneity of the finish (Nickel Gap 3mm – 1/8”).
Tailor-made options are available.

| **Width** | mm | Inch |
|---|---|---|
| | 110 mm | 4 11/32" |
| | 142 mm | 5 9/16" |
| | 180 mm | 7" |
| | 240 mm | 9 1/2" |
| | 300 mm | 11 13/16" |

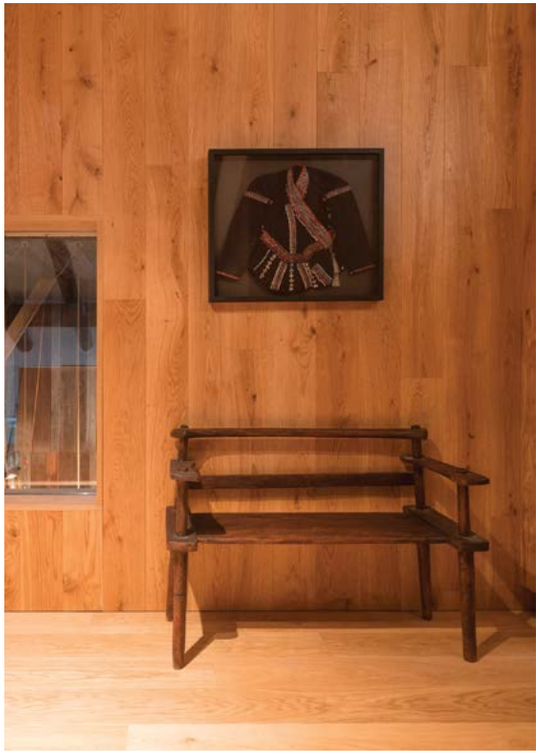
| **Nickel Gap** | | |
|---|---|---|
| The precise gap between planks ensures a consistent and polished appearance. | 3 mm | 1/8" |

| **Length** | mm | Inch |
|---|---|---|
| Available in the standard Hakwood flooring plank sizes. | 1080 mm | 3'7" |
| | 1220 mm | 4' |
| | 1470 mm | 4'10" |
| | 1790 mm | 5'11" |
| | 1970 mm | 6'6" |
| | 2100 mm | 6'11" |
| | 2220 mm | 7'3" |
| | 2470 mm | 8'1" |
| | 3000 mm | 9'10" |

| **Thickness** | | |
|---|---|---|
| | 15 mm | 5/8" |
| | 20 mm | 3/4" |



European Oak, Original
Project: Private Residence
Location: São Paulo, Brazil



European Oak, Original
Project: Jisp
Location: Amsterdam, Netherlands



European Oak, Forza
Project: Stony Hill
Location: Amagansett, USA

07

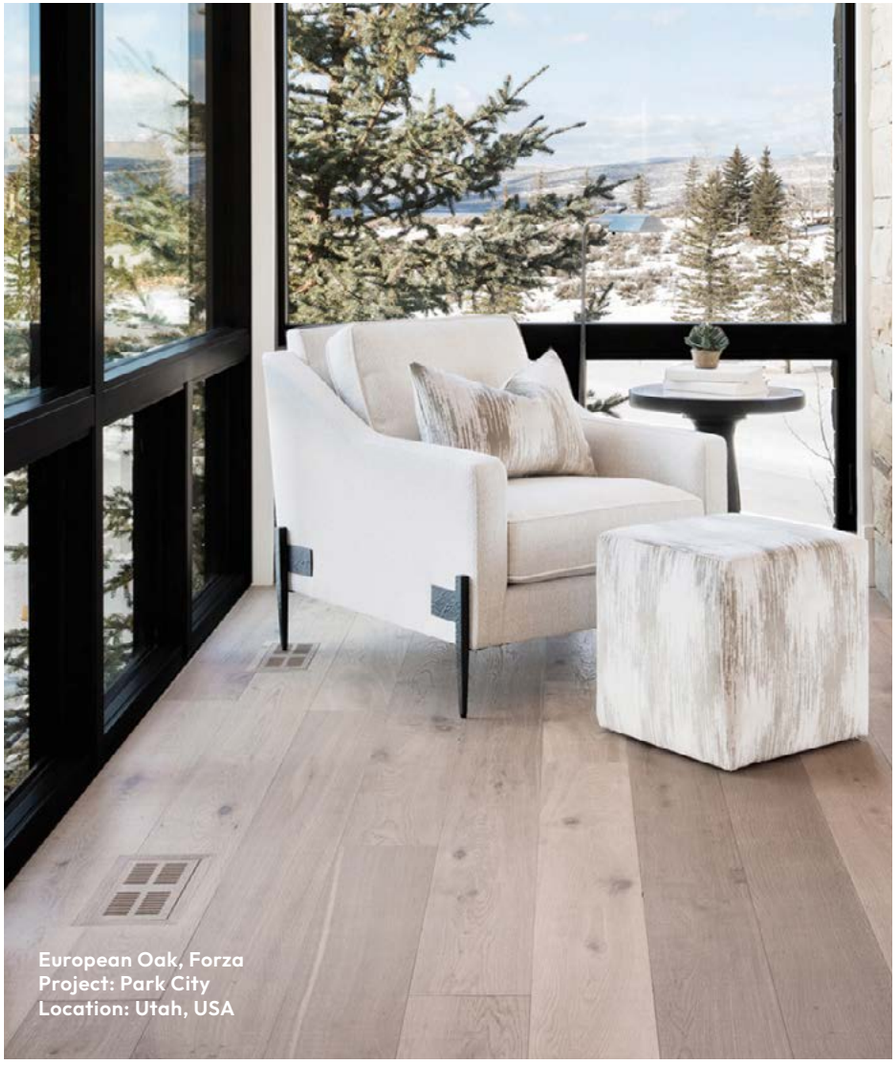
# Skirtings, air vents & tailor-made stairs

Chapter 07

## Skirting & air vents

At Hakwood, we understand the importance of harmonizing every element within a space. Our accessories are carefully designed and available in the exact color of your Hakwood flooring, ensuring a perfect match in both color and texture.

Each piece is crafted with attention to detail to complement your style, ensuring it fits perfectly into your unique design. At Hakwood, we're not just making products; we're creating pieces that go beyond the ordinary, providing you with the tools to transform spaces into something truly special.



European Oak, Forza
Project: Park City
Location: Utah, USA



### Air Vent

Introducing our air vent - a blend of modern design and efficient functionality.
Crafted to optimize air circulation and ventilation, this sleek and unobtrusive vent seamlessly integrates into any space, providing comfort while maintaining a minimalist aesthetic.



### Air Vent with frame

Experience the perfect synergy of form and function with our air vent featuring a carefully designed frame. This refined frame not only enhances its appearance but also ensures seamless integration into your space. Enjoy superior airflow and a polished look with our air vent and its complementing frame.



### Skirting

Introducing our skirting, a finishing touch that brings elegance and sophistication to your interior design.
Crafted with precision and attention to detail, our skirting seamlessly conceals gaps and adds a sleek, polished look to the junction between walls and floors.
Elevate your space with our range of skirting options, designed to complement any style and enhance the overall aesthetic of your home.

## Stairs

Understanding the precision required for every facet of an interior, we offer custom stair solutions meticulously designed to seamlessly complement your Hakwood flooring.
Elevate your space with stair treads tailored to match the perfection of your Hakwood floor, ensuring a harmonious design throughout.



European Oak, Bespoke
Project: Yellow Jacket Residence
Location: Lake Tahoe, USA



European Oak, Aura
Project: Southlands House
Location: Vancouver, Canada



### Engineered tread

A multi-layered construction designed for durability and dimensional stability. Ideal for seamless integration with engineered flooring, ensuring visual and structural continuity.



### Riser

The vertical component between treads, precisely crafted for a refined, architectural finish. Can be matched or contrasted with the tread for tailored design expression.



### Stair tread and riser

A fully coordinated stair element combining tread and riser in one solution. Enables a cohesive look across the entire staircase, with consistent materiality and detailing.





### Single board tread

Made from one continuous board to emphasize clean lines and uninterrupted grain. A minimalist solution that enhances the spatial rhythm of modern staircases.



### Nosing

The leading edge of the tread, available in various profiles to suit the desired design language. Functional and aesthetic, it adds both safety and sculptural definition.



### Box tread

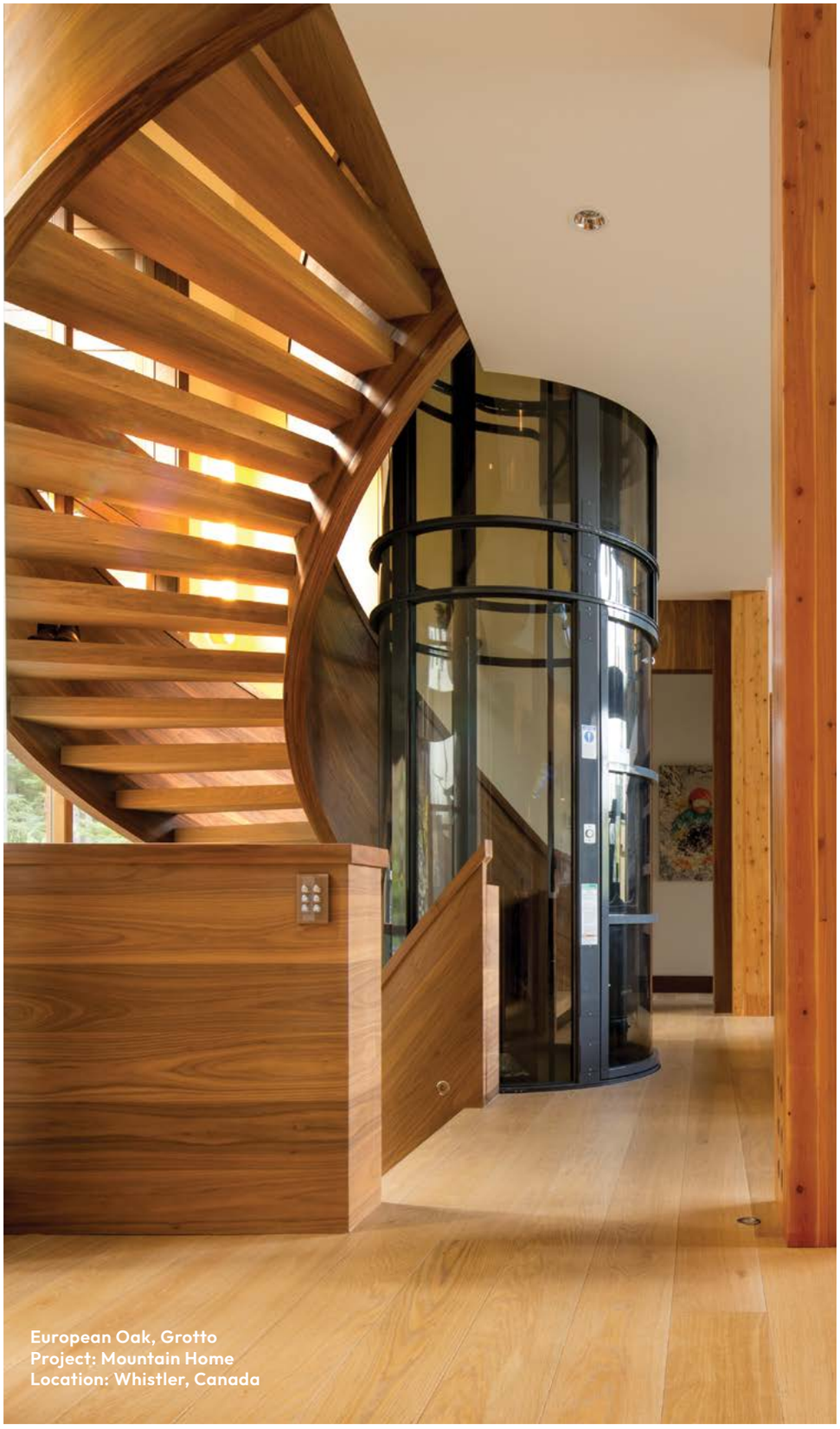
A fully enclosed tread with finished front and sides for floating or open stair designs. Ideal for showcasing craftsmanship and material quality in contemporary spaces.



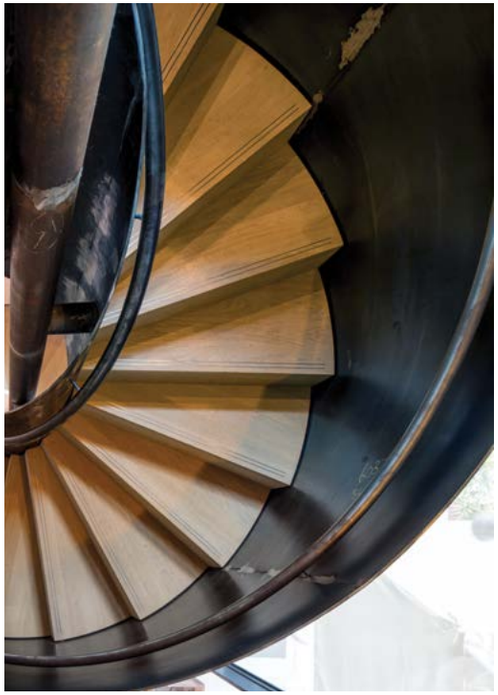
A subtle balance between technical rigour and the sensuality of wood, this stair detail has been meticulously crafted in Hakwood's workshop.



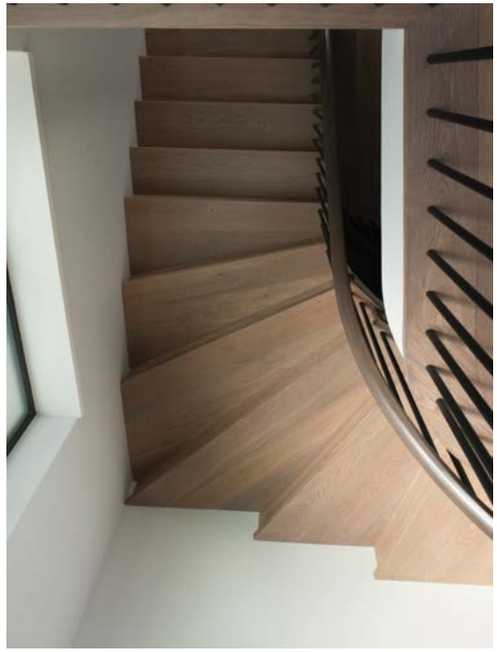
**European Oak, Original**
**Project: Jisp**
**Location: Amsterdam, Netherlands**



European Oak, Grotto
Project: Mountain Home
Location: Whistler, Canada



European Oak, Heritage
Project: Leman Locke
Location: London, United Kingdom



European Oak, Heritage
Project: Coastal Residence
Location: Texas, USA

08

# Sustainability

Where responsibility meets craftsmanship

## Sustainability

At Hakwood, we have made sustainability a priority. This commitment covers environmental, social, and governance issues. Respecting the environment by protecting resources, ensuring responsible sourcing, reducing waste, and constantly innovating our manufacturing processes goes hand in hand with our policy towards our employees and the community more generally, not to mention the strict code of conduct we apply in terms of governance. Our goal is to leave behind not just beautiful spaces but also a positive impact for generations to come. Sustainability for us is about creating a legacy of care, quality and responsibility.

Hakwood is committed to environmental conservation by focusing on every stage of production. Hakwood strives to improve the daily lives of its teams through initiatives focused on well-being, compliance with laws,and training. The company is also mindful of its role within the local community. Hakwood ensures that all its activities comply with international regulations and best practices in the digital space, as well as in its choice of partners.



### Environment

- Reduction of energy consumption by investments done.
- All forklifts are electric since 2024.
- Procurement of coatings and treatments is done as locally as possible.
- Waste separation / recycling.
- Ongoing digitalization of processes.
- All our wood is FSC® certified.
- CE certification for our products.
- Optimized use of water.
- High product sustainability (long-lasting/ lifetime products).
- Waste reduction.

### Social

- Vitality of employees is important to Hakwood. Daily fresh fruit, vitality programs and support are available.
- Hakwood fully complies with labor laws and safeguards their enforcement.
- Hakademy is a strong tool for learning and development. Every year a budget is invested to add new courses.
- As a family business, Hakwood is committed to supporting the local community.
- Hakwood supports yearly local (social) initiatives that strengthen the community.

### Governance

- Hakwood upholds a strict Code of Conduct.
- Hakwood protects data and works in full compliance with GDPR.
- Hakwood takes proactive steps to stay secure in the digital space (ongoing).
- Hakwood does not engage in business with countries subject to embargo.

### Health and safety

Beyond durability, our products meet stringent health and safety standards, including certifications for low emissions and indoor air quality. This meansyour spaces are not only long-lasting, but also healthier for the people who live and work in them. When you choose Hakwood, you're choosing quality that's engineered to last - responsibly, and with integrity.





### Eurofins Indoor Air Quality
Hakwood holds Eurofins Indoor Air Quality certifications; Gold and USA.
These certifications confirm that our products meet stringent global standards for low VOC emissions, contributing to healthier indoor environments.indoor environments.

### FSC® (Forest Stewardship Council)
Hakwood is FSC® certified, meaning our wood comes from responsibly managed forests that provide environmental, social, and economic benefits. For your projects, this ensures that our materials support biodiversity, forest conservation, and ethical sourcing.

### EcoVadis
Hakwood has been rated by
EcoVadis, a globally recognized platform that assesses corporate sustainability across environmental impact, labor and human rights, ethics, and procurement practices. Our bronze score reflects a deep, company-wide commitment to responsible business.

### Responsible Manufacturing
- In-house water treatment plant minimizes environmental impact from staining processes.
- Complete transition to electric forklifts in 2024.
- Zero on-site emissions.
- Reduced workplace noise.
- Recyclable batteries contribute to circular economy practices 50% of packaging made from recycled materials by 2025.
- Reuse of wood offcuts and production by-products to reduce landfill waste.
- Segregated waste streams support high recycling efficiency.

### Sustainable Wood
- 100% of oak sourced within the EU.
- FSC®-certified wood from responsibly managed forests.
- Third-party verified compliance with environmental and social standards.

### EPD (Environmental Product Declaration)
Our EPDs offer verified, transparent data on the environmental impact of Hakwood products throughout their full life cycle. This information supports your sustainability goals and helps meet the requirements for green building certifications like LEED and BREEAM.

### LEED (Leadership in Energy and Environmental Design)
LEED is the most widely used green building rating system in the world. Hakwood's certified products help you earn LEED points through responsible sourcing, low emissions, and product transparency.

### BREEAM (Building Research Establishment Environmental Assessment Method)
Our products contribute to BREEAM certification by aligning with standards for a sustainable built environment. Whether you're focused on materials, health and well-being, or lifecycle impact, Hakwood helps elevate your project's sustainability credentials.

### Vision for the Future
Our long-term commitment to sustainable development drives us to constantly improve our production processes. Prioritizing green energy, optimizing digitalization, reducing waste, and maximizing recycling are just a few of our goals. All of these reflect our approach to environmental, social, and governance issues. Here are our next challenges :
- Use of green energy (50%) in 2027.
- 75% of the vehicles electric in 2028.
- Keep on sourcing 100% in the EU.
- Further digitalisation.
- Further reduction of waste until 40% in 2030.
- All packaging of 100% reused plastic in 2028.
- Investment in possibilities to reuse solvents in 2026.
- Further reduction of waste of planks in the production and sample process by changes and investments.

### Lasting Quality & Product Safety
- Up to 17 quality control inspections per product.
- Certified under EPD, LEED, BREEAM, Eurofins standards.
- Use of low-emitting materials to support healthy indoor air quality.



## Hyatt Regency Amsterdam

Located in the centre of Amsterdam, the Hyatt Regency is committed to sustainable development. Combining respect for the environment and the natural world with its city-centre location, this Green Globe 2024 and BREEAM-certified hotel is considered a  benchmark for environmentally responsible practice in the hospitality industry. The hotel was designed in respect of this commitment, using geothermal energy, green facades, carefully selected materials and low-energy technology.





Sustainability is not a checklist - it's a continuous pursuit. At Hakwood, we're always looking ahead, committed to reducing our environmental impact year after year.
That means setting measurable goals: Cutting waste by 20% by 2025, sourcing 100% of our oak from within the EU, and reducing $CO^2$ emissions from commuting by promoting cycling to and from work.

Hakwood's engineered flooring is a natural choice for this environmentally responsible project and the Hyatt Regency's sustainable development goals.

### Specificity

| | |
|---|---|
| **Species:** | European Oak |
| **Grade:** | Rustic |
| **Location:** | Amsterdam, the Netherlands |

### Restaurant / Bar

| | |
|---|---|
| **Flooring:** | HV1460 |
| **Surface texture:** | Brushed |
| **Pattern:** | Herringbone |
| **Dimensions:** | 15 x 142 x 710 mm (5/8" x 5 9/16" x 27 15/16") |

### Spa / Wellness area

| | |
|---|---|
| **Flooring:** | HV0719 |
| **Surface texture:** | Smooth |
| **Pattern:** | Plank |
| **Dimensions:** | 15 x 180 mm (5/8" x 7") |

### Lobby / Lounge

| | |
|---|---|
| **Flooring:** | HV0750 |
| **Surface texture:** | Smooth |
| **Pattern:** | Chevron 45° |
| **Dimensions:** | 15 x 180 x 900 mm (5/8" x 7" x 35 7/16") |





09

# Installation, care & maintenance

For the love of wood

Chapter 09

## Installation

At the heart of every high-quality wooden floor lies a precise and carefully executed installation. While the natural beauty of wood is immediately visible, its long-term performance depends on what happens beneath the surface.
Our installation guidelines are designed to ensure optimal results, providing clarity and confidence for installers, architects, and project partners alike. From subfloor preparation to finishing details, each step plays a vital role in achieving a durable and stable floor.

Special attention is given to the integration with underfloor heating systems. Wood is a natural material that responds to temperature and humidity, making correct installation essential when combined with heating solutions. By following our technical recommendations, you can ensure both comfort and longevity—without compromising on aesthetics.

Hakwood Installation Instructions for Flooring

Hakwood Installation Instructions for Subfloor Heating and Cooling

Hakwood Installation Instructions for Plank in Staggered Layout

Hakwood Installation Instructions for Wall and Ceiling

Hakwood Installation Instruction for Pattern Layouts Herringbone and Chevron



## Care & Maintenance

To preserve the beauty and longevity of Hakwood floors in every project, Hakwood has developed a range of high-quality maintenance products specifically designed for our surfaces and finishes. Hakwood Complete addresses the specific maintenance needs of each floor, regardless of texture or finish.
Proper maintenance helps preserve the natural character of the wood over time. Our team can advise on a tailored maintenance program to ensure lasting performance and appearance.

### Give it the love it deserves

The love and care for the wood shouldn't end when your wooden floor leaves our workroom. Our wood flooring products are designed to last for many years. To maintain the beauty and longevity of your Hakwood floor, it is important to properly care for it. We have a range of high-quality care & maintenance products, specially designed for Hakwood floors.

### Excellent flooring. Excellent service

Advice, maintenance as well as staff training are only the beginning of the service we offer. Together we assess your project goals to provide the customized plan you need. At Hakwood, we go above and beyond to ensure that your Hakwood flooring remains beautiful for years to come.

### Care & Maintenance Products

With Hakwood Complete, we've created a range of clean, high-quality products for your floor's unique surface and finish. With these products, you have everything you need to make routine cleaning and maintenance a breeze and enjoy pristine hardwood flooring for years to come.

### Additional documents

Further technical documents, specification sheets, color references, the Hakwood Complete Brochure, and the Hakwood Care & Maintenance guide are available on our website. Maintenance products can be ordered via the contact form, by email at sales@hakwood.com, or through your local sales representative.

# Maintenance




**01 Clean** ( Contents: 0.75 L or 10 L )

Hakwood floors are designed for long-term performance in demanding environments. This pH-neutral cleanser is formulated for frequent use and helps maintain the appearance of the surface without affecting the finish. Use in combination with Oil Care and Finish Care to maintain the protective top layer and preserve the richness of the wood.

Application: For removing daily dirt and surface grime.




**02 Finish Care** ( Contents: 0.75 L )

Hakwood Complete Finish Care is a water-based care emulsion that forms a dirt-repellent protective film. It enhances the appearance of the surface, fills microscopic scratches, and helps extend the lifespan of the finish.

Application: For renewing the protective layer and reinforcing the finish of Hakwood floors.




**03 Oil Care** ( Contents: 0.75 L or 5 L )

Hakwood Oil Care provides essential maintenance for oil-finished floors after cleaning. It nourishes the protective layer of the oil finish and helps maintain the natural appearance of the wood. Hakwood Complete Oil Care contains a water-based oil and wax emulsion that creates a subtle protective layer on the surface. This helps renew protection and extend the durability of the finish while preserving the natural character of the wood.

Application : For nourishing and maintaining the protective layer of oil-finished hardwood floors.




**04 Oil** ( Contents: 0.5 L )

Over time, hardwood floors may show signs of wear, particularly in high-traffic areas. Hakwood Oil helps restore the color of the wood and reinforces the protective surface layer. By refreshing the finish and sealing the surface, it helps protect the floor against wear and dirt buildup while maintaining the natural appearance of the wood.

Application: For restoring and reinforcing the protective oil finish of hardwood floors.

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Technical Specifications

Format
145 × 240 mm

Printing Method
Offset printing (CMYK + White)

Paper
Materica Kraft and Garda Matt
FSC-certified papers

Edition
First edition, 2,000 copies
Hand-assembled sleeve
and mounted label

Rooted in nature