

HIRAM FLOORS

Plank Flooring

PRODUCT CATALOGUE



HIRAM FLOORS

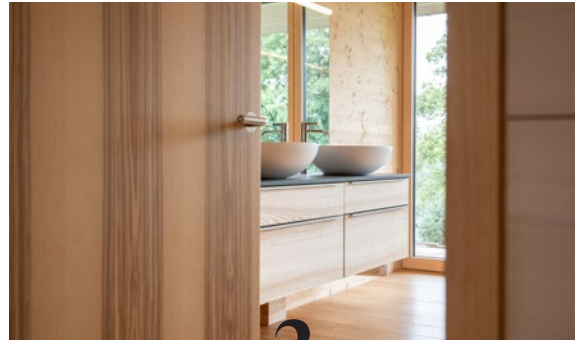
Plank Flooring

PRODUCT CATALOGUE



1

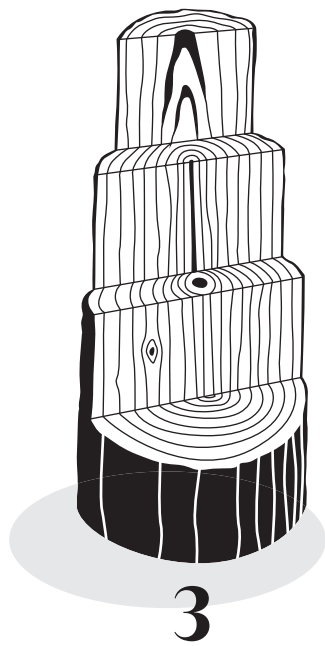
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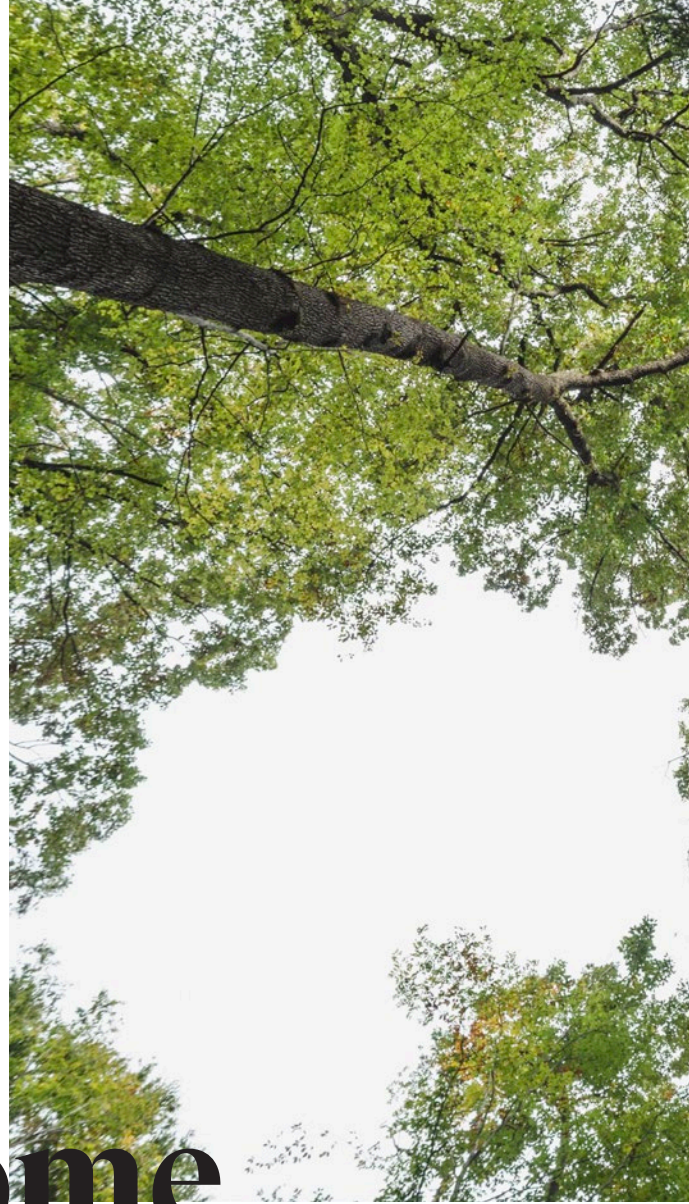
*Wood – every new-sawn piece of timber
is unique and distinctive, like every snow-
flake and every fingerprint.*

*Fabian von Saucken,
Founder*

The family enterprise Hiram GmbH has been in existence for 37 years and over time has become ever more specialised in creating added value from high quality wood species from Western Europe. The Hiram Floors brand has grown organically from this concept. It is the young, dynamic Hiram Floors team's mission to provide its customers with a high quality and carefully-crafted wood product.

1 Nature At Home

WOOD IS A LIVING THING





NATURE
AT HOME

_____ Moments in the forest are moments of strength. The peace, the pure air, the scents of nature. Here, we humans feel good. The use of wood in one's daily living environment is to bring a little piece of the forest into one's home. This renewable resource brings the qualities of healthy living into our home. It absorbs and re-emits heat and humidity, thus improving the indoor climate. It offers comfort and cosiness and a pleasurable feeling of warmth. Solid wood planks by their very nature are a noble product. For centuries they have been highly-prized for use in castles and palaces, churches and manor houses – and today are perfectly commonly used in museums, private houses and apartments. Each and every wood plank, every wood floor, is a high-quality unique specimen, made to last for many generations.

**bauwerk
schwarzwald**

Hiram Floors is a founder member of bauWERK SCHWARZWALD – a centre of excellence which supports the region's building heritage and artisanship in the Black Forest.

1.1

Living with all one's senses

Natural, comfortable healthy living is what makes a house a home. People are very sensitive to rooms and are influenced by complex factors: temperature, humidity, smell and colour. Wood as a building material has a maximum positive influence on all of these factors. Its ideal thermal conductivity, regulating absorption and emission of humidity, and its warm colour create an atmosphere of wellbeing, healthy for both mind and body of its inhabitants.





NATURE
AT HOME

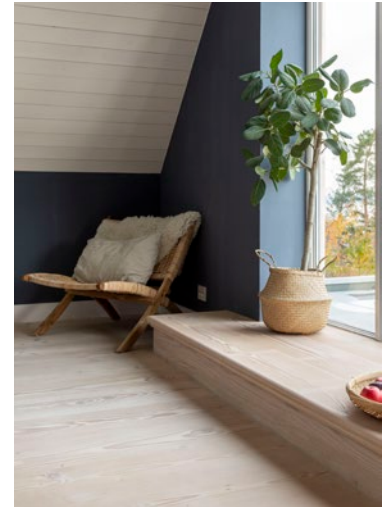
WOOD IS ALIVE

Every tree tells a story: of mild or hard winters, of all sorts of weather conditions, of wind that the tree had to withstand or of its orientation. Features of growth, structure, branches and wood grain tell the story and make every single one a unique specimen. The annual tree-rings above

all reflect the seasons and climatic conditions. We at Hiram sort the wood according to the similarity of the round logs, and in this way compose homogenous wood flooring in Urban Classic or Country Classic to give an overall harmonious look to every project.



OAK



DOUGLAS FIR

Our Selection 2 Of Wood



SILVER FIR



ASH

We produce large-format wood floors from the local wood species Douglas fir, oak, silver fir and ash. Solid or engineered wood planks give your rooms an exclusive, high-quality character for decades to come. Each species of wood has its own characteristics, and every project its own specific wishes and requirements. We are happy to give personal advice on type of wood, length, thickness, surface treatment and cleaning and care.

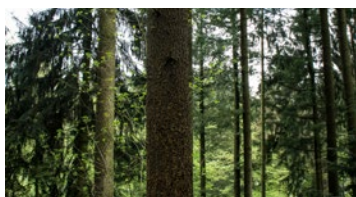
The giant of the forest: a conifer of imposing size, an evergreen, growing higher and higher. Its properties make it extremely popular for building projects, both interior and exterior.

For it is hard, and resistant to weather, fungi and insects. Its striking annual rings structure makes a wood floor of Douglas fir lively. Treatment with oil enhances this effect. Handling with lye or soap on the other hand tones down the effect and creates a homogenous, peaceful surface. Douglas fir in its natural form has reddish heartwood and light-yellowish sapwood. The wide range of possible surface treatments offers an almost infinite choice of colourations, from delicate natural shades to the joy of rich colour.

Douglas Fir



OUR SELECTION
OF WOOD



THE ORIGIN of our Douglas firs is our own local area, the Black Forest. Every single one of our wood planks has been grown exclusively in sustainably managed forests.



A DOUGLAS FIR has been growing for between 80 and 120 years in the forest before we select and process it.



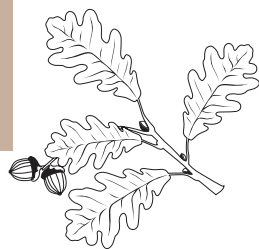
ACORNS WERE coveted animal feeding long ago. This is why so-called "Mittelwald" forestry management used to be systematically promoted in the forests. The reward was great thick, solitary oaks. Nowadays oaks are grown to high quality in close proximity to each other.



AN OAK TREE REACHES up to 50 metres high. Its typical and striking branches are emblematic of its gnarled character.

The queen of the trees: the symbol of the German forest from time immemorial, a characteristic image. The striking leaves, the hard wood, the eternal beauty, giving itself time to grow. Our oak trees have spent up to 200 years in the German and French growing regions chosen by us, before we select and process them. Oak wood floors create a feeling of spaciousness and tranquility in a room. Oak speaks the language of lasting high quality.

Treatment with oil is the ideal way to care for an oak floor and to enhance its natural tones. With a raw timber effect the floor looks bright, modern and timeless.

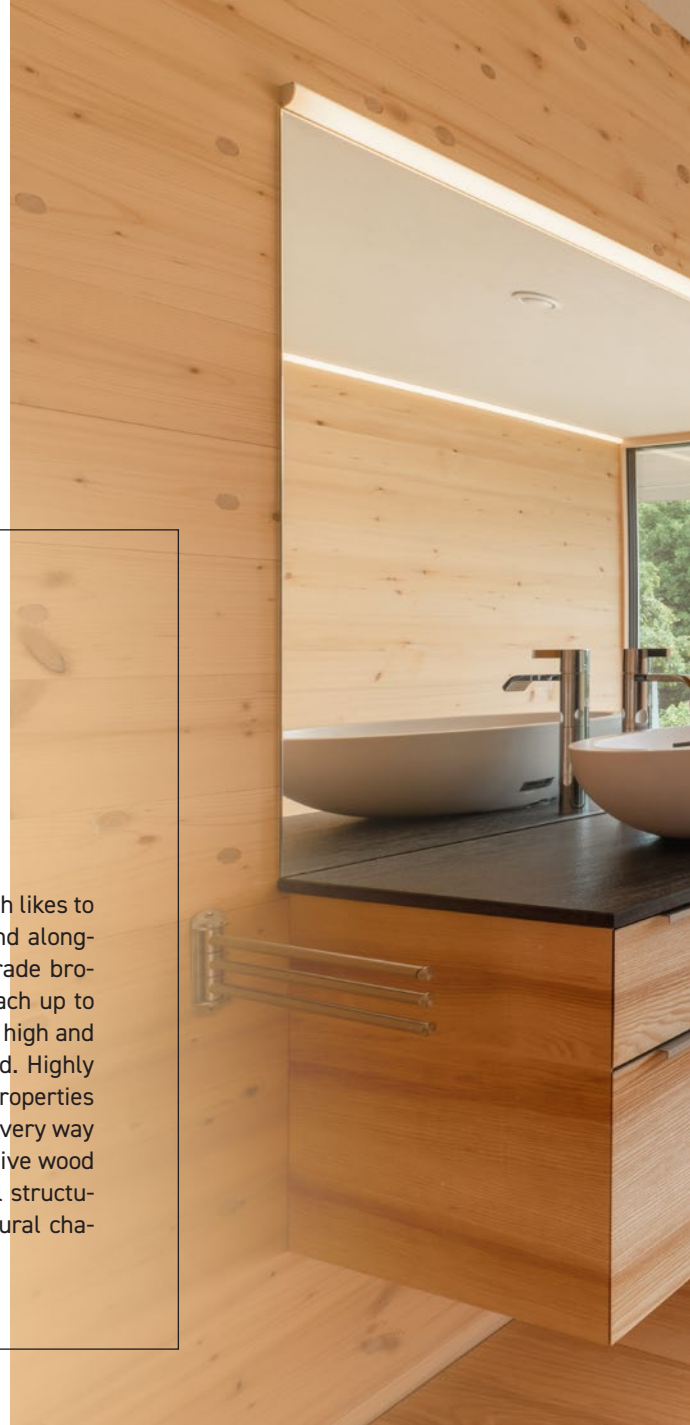


Oak

Ash



An elegant hardwood: The ash likes to grow in floodplain forests and alongside streams. It is a high-grade broadleaf species which can reach up to 300 years old and 40 metres high and develops a hard, heavy wood. Highly regarded for its mechanical properties and resilience, the ash is in every way equal to the oak. The distinctive wood grain creates clear, beautiful structures and accentuates the natural character of a discreet ash floor.





THE ASH belongs to the tree species which have irregular darkening of the heartwood. Ash timber is basically light-coloured. After fully 70 years of growth, however, it can darken from the core out. Accordingly, sapwood and heartwood can differ in colour, or sometimes be the same.



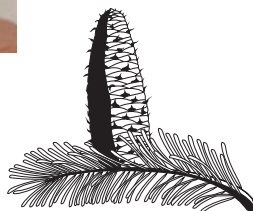
FIR WOOD COMBINES ...

... tradition and the modern era. For centuries silver fir timber was frequently used on the weather-exposed sides of old farmhouses, and proved itself to be a long-lasting and weather-resistant material. Today the silver fir is once again enjoying great popula-

rity. The multiple advantages both from the wood itself and from its processing characteristics, as well as its regional origin, guarantee the silver fir a fixed place in modern construction culture and craftsmanship.



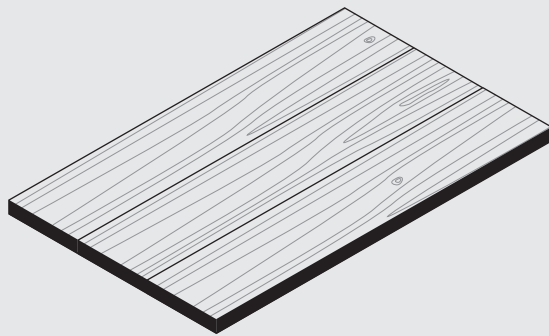
A rarity from the Black Forest: a resin-free conifer with outstanding technical properties. Its high elasticity and weather resilience make it extremely versatile for both interior and exterior use. The silver fir owes its name to its light-coloured bark and the white underside of its needles. Its light wood creates an unusually noble and tranquil atmosphere in a room. The intensity of the fine-grown wood grain can be influenced by surface treatment. When brushed the grain is significantly more visible, conferring a natural, rustic look on the floor, or when oiled white or treated with lye, the result is a lighter, brighter wood floor. With the best silver firs we carry out debranching at an early stage. This makes for exceptionally high quality timber and a particularly long service life of our silver fir floors.



Silver Fir

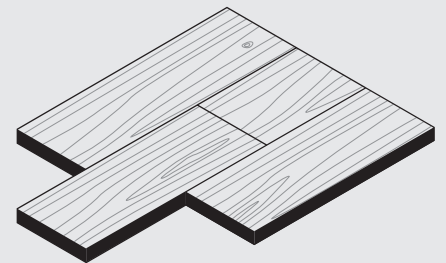
3 Technical Details

Every tree has its own character, its own qualities, properties and special characteristics. We give you individual advice on your project, so that you find the ideal floor to create a harmonious whole with the room and its inhabitants. The details mentioned should be taken as optional. You always have the choice of deciding yourself what your floor should look like.



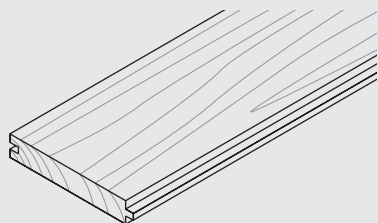
ROOM LENGTHS

Room-length planks: with a generous format, as long as the room they are laid in. Long, homogenous wood planks create spaciousness and a look of serenity in the room.



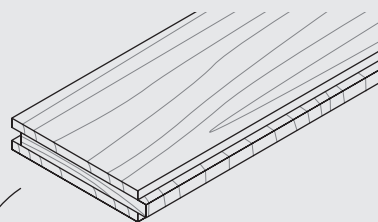
RANDOM LENGTHS

Random lengths: the ideal yield of timber. Minimal lumber wastage makes random lengths economically and ecologically very attractive. They give an impression of uniformity and make it simple to seamlessly connect large, open rooms.



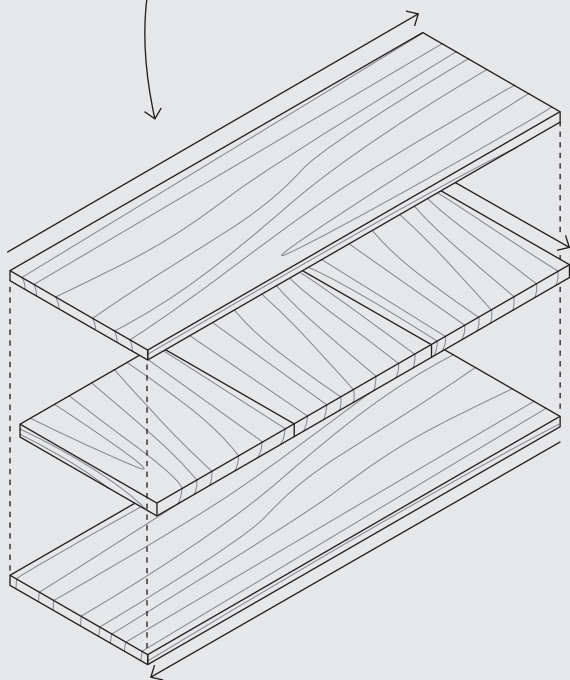
SOLID WOOD PLANKS

A solid wood plank is the classic floor plank. It consists of a single piece of wood taken from the trunk of the tree. It provides all the advantages of wood flooring and is particularly durable and of top quality. Its somewhat old-fashioned name "chateau plank" comes from a time when it was mainly laid in aristocratic homes, i.e. in castles.



ENGINEERED WOOD PLANKS

The engineered wood plank from Hiram Floors is the perfect alternative to exclusive, solid wood flooring. The plank consists of three layers bonded with high-grade glues. The upper veneer layer can be sanded down multiple times and is in no way inferior to the original solid wood plank. The fact that it is less solid can indeed have advantages. For example, in combination with underfloor heating, when the warmth can penetrate more easily through the floor.



SURFACE LAYER

This layer consists of selected wood veneer 4.5 to 5.5 mm thick – depending on the desired total thickness.

MIDDLE LAYER

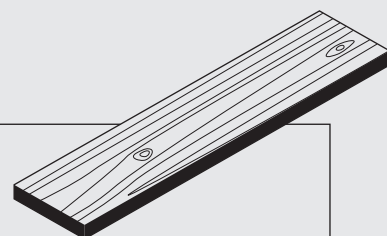
Consisting of sturdy spruce, this layer is glued cross-wise to the upper layer, which distributes the stresses of the wear layer over the whole floor.

COUNTER LAYER

This layer runs in the opposite direction of the middle layer and ensures that the wood plank does not lose its shape.

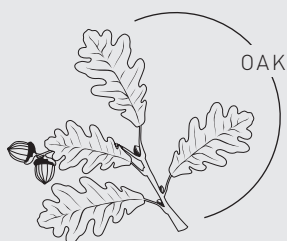
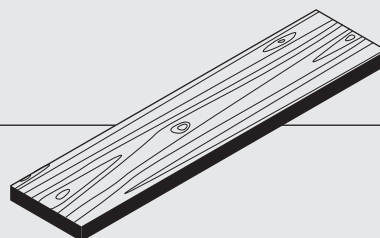
URBAN CLASSIC

Our URBAN Classic grade has only a few small knots and a fine-grained structure. Its effect in a room is peaceful and elegant.



COUNTRY CLASSIC

Our COUNTRY Classic grade has a warm, lively wood structure and firmly glued and smoothed knots. It creates a feeling of character and cosiness in a room.



WIDTHS
20 cm | 25 cm | 30 cm



THICKNESS (SOLID WOOD FLOORS)
28 mm



THICKNESS (ENGINEERED WOOD FLOORS)
17 mm | 19 mm | 21 mm



ROOMLENGTHS
1-8 m



RANDOM LENGTHS
1-5 m



WIDTHS
20 cm | 25 cm | 30 cm | 35 cm | 40 cm



THICKNESS (SOLID WOOD FLOORS)
28 mm | 35 mm



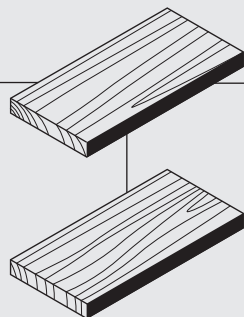
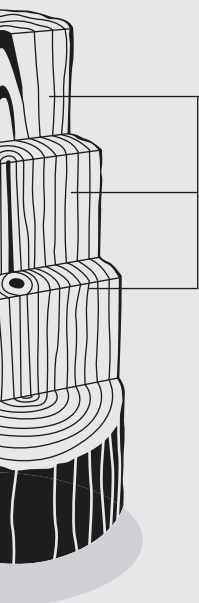
THICKNESS (ENGINEERED WOOD FLOORS)
17 mm | 19 mm | 21 mm



ROOMLENGTHS
1-15 m

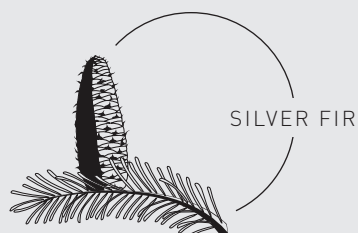


RANDOM LENGTHS
1-5 m | 5-7 m



RIFT AND HALF-RIFT

Depending on which part of the trunk the plank is sawn from, the annual rings will appear on the surface at a different angle. These angles vary between 30° and 90° and determine the width of the individual wood grain lines. When planks of a similar rift are laid, the even run of the annual rings in the grain give the floor a tranquil look.



WIDTHS
25 cm | 30 cm



THICKNESS (SOLID WOOD FLOORS)
28 mm



ROOMLENGTHS
1-8 m



RANDOM LENGTHS
1-5 m | 5-7 m



WIDTHS
20 cm | 25 cm | 30 cm



THICKNESS (SOLID WOOD FLOORS)
28 mm



THICKNESS (ENGINEERED WOOD FLOORS)
17 mm | 19 mm | 21 mm



ROOMLENGTHS
1-8 m



RANDOM LENGTHS
1-5 m | 5-7 m

4 The life cycle of the tree

Our timber grows mainly in the Black Forest and the Vosges mountains, as well as the Pfälzerwald and Odenwald (near Mannheim) and in the Rhine valley in the Baden region. We know our forests well, always watching how they develop and stay healthy. For us it goes without saying that they are 100% sustainably managed,

as confirmed with the FSC and PEFC sustainability certificates. It is our priority to use local wood species and maintain a respectful cooperation with regional partners. Short distances, direct contacts, personal connections – this is how we can guarantee our customers quality, regionality and reliability.



THE LIFE
CYCLE OF
THE TREE



The Selection

1

SELECTING THE TREE: a central moment, a moment of emotion, every time. We harvest our trees in winter during the so-called sap flow dormant period. Winter wood is characterised by its reliability and stability and is more resistant to decay or pest infestation than timber felled in the summer months.



A tree has spent fully 150 years in the forest before we select and process it. Shaped by its natural environment, every tree incorporates its own centuries-old history. Growth features, structuring with cracks, knots, and different grains tell this story and make every individual tree unique, ready for another

200 years of life – in a house. With this awareness we never treat the resource of timber lightly. We respect its individual characteristics and create wood floors of the highest quality, made to last for generations. We always select our wood with great care, according to strict, binding criteria.

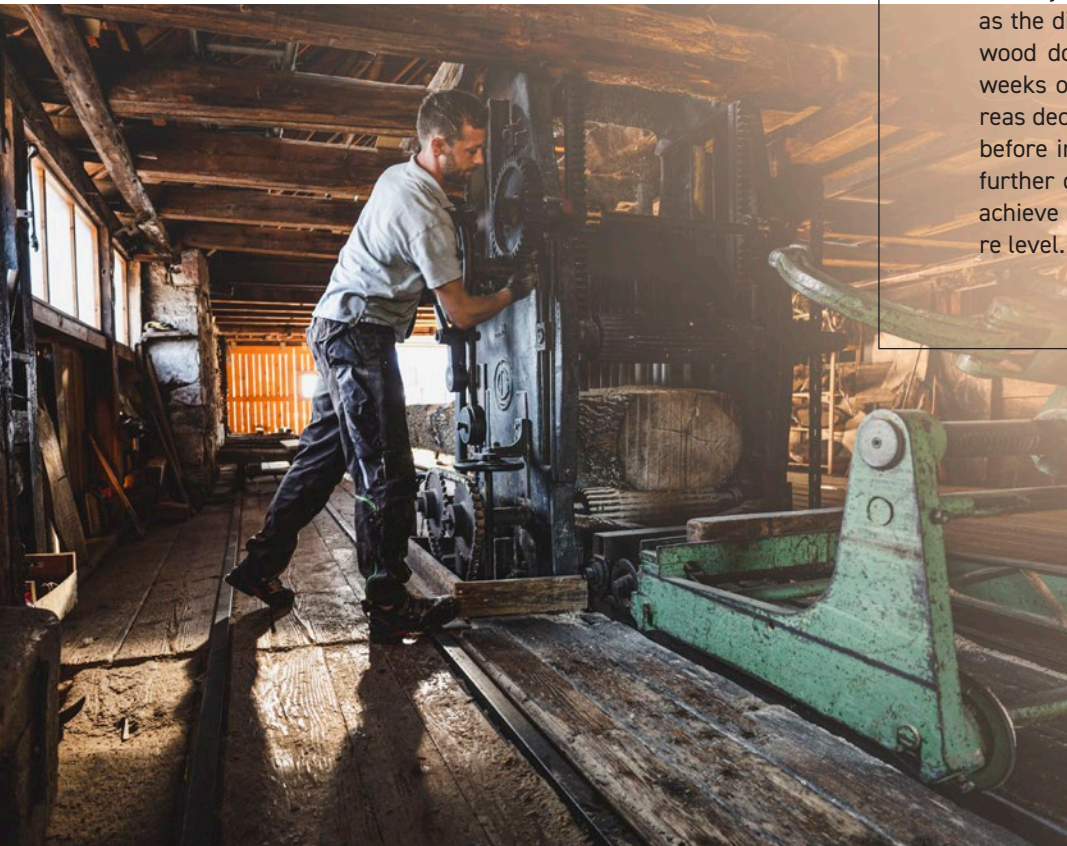
Every one of our wood planks has been grown in 100% sustainably managed forests. We place great emphasis on a fine, close tree ring structure. Whenever possible we decide to process the particularly high quality and stable material in rift or half-rift, with a minimal amount of sapwood.

First Cut & Drying

2

AT THE SAWMILL the round logs are turned into sawn timber. Any defective planks are removed and used for other purposes. Only the best planks are stacked with care in slatted piles and air dried.

Good quality requires time: The initial drying phase takes place in the fresh air. Drying times vary just as much as the different characteristics of the wood do. For conifers two to three weeks of air drying will suffice, whereas deciduous trees need more time before in the second phase they are further dried in the vacuum drier to achieve the required residual moisture level.





3

Processing

PLANKS BECOME FLOORBOARDS.

The well-seasoned rough planks arrive at our production site for finishing by our craftsmen. Here the wood is trimmed and planed, any defective planks removed, loose knots glued, then it is planed again and cut into suitable final lengths. The result is premium wood planks with tongue and groove (room lengths 2-sided, random lengths 4-sided), ready for installation.



A SELECTION OF
SURFACE TREATMENTS



OIL NATURAL
DOUGLAS FIR



LYE WHITE & OIL NATURAL
DOUGLAS FIR



LYE & OIL WHITE
DOUGLAS FIR



OIL NATURAL
OAK



OIL WHITE
OAK



OIL RAW WOOD EFFECT
OAK

4

Treatment

A FLOOR SURFACE gets subjected to hard daily wear. We however rely on purely natural solutions for the treatment of our surfaces. In nature, regeneration is a continuous, ongoing process. We make this principle our own, by using the protective and regenerative properties of oil and soap for our wood. If at some point the surface of the wood suffers some slight damage, it can be repaired with a protective oil or re-treated with soap, with minimal effort. In addition, we can sand the floors at our processing site to achieve a smoother surface, and also brush it, which brings out the natural grain of the wood. If treated with lye and soap the wood retains its natural light tone and its natural structure is accentuated. The effect: white-washed, fresh and modern. Hiram floors are therefore not just a floor, they are a long-lasting, robust and unique wood specimen!



OIL NATURAL
ASH



OIL WHITE
ASH



OIL BLACK
ASH



OIL NATURAL
SILVER FIR



LYE & OIL WHITE
SILVER FIR



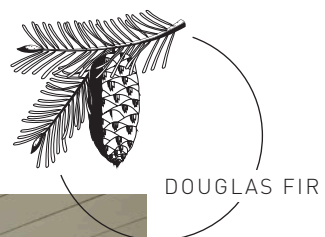
OIL BLACK
SILVER FIR

Our 5 References





Wood is a living material. Expertly crafted into a wooden floor, there is no limit to where this natural product can be used in domestic or public rooms. Our references speak for themselves. Let us inspire you!





PRIVATE RESIDENCE IN OSLO

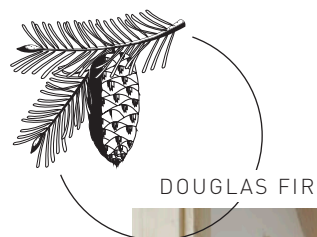
 **LYE WHITE & OIL WHITE**

 **RANDOM LENGTHS & ROOM LENGTHS**

 **URBAN CLASSIC, SOLID WOOD**

This house in Oslo is surrounded by nature. The use of the raw material wood gives the impression that nature has been brought into the living space. The floor with its light-coloured surface treatment blends in un-

obtrusively in the overall picture of the light-flooded rooms. There is a warmth to the atmosphere, which makes it cosy even in the dark Northern winter. The floor is in perfect harmony with the rest of the room.



 OIL RAW WOOD EFFECT

 RANDOM LENGTHS

 COUNTRY CLASSIC,
SOLID WOOD



 LYE & SOAP WHITE

 ROOM LENGTHS

 URBAN CLASSIC,
SOLID WOOD



OIL RAW WOOD EFFECT



RANDOM LENGTHS: 1-5M



COUNTRY CLASSIC,
SOLID WOOD



PRIVATE RESIDENCE NEAR FRANKFURT AM MAIN



OIL NATURAL



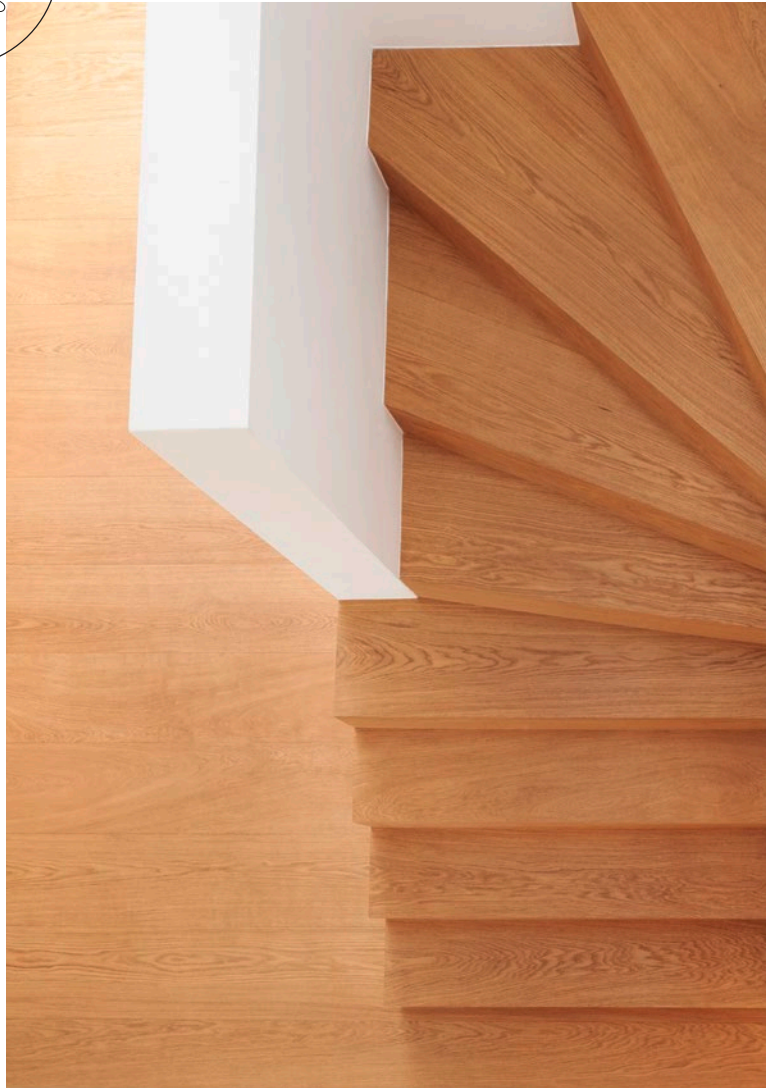
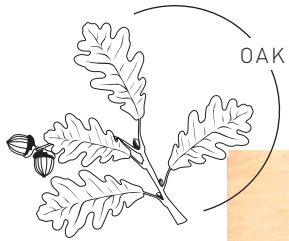
ROOM LENGTHS: UP TO 8,50 M

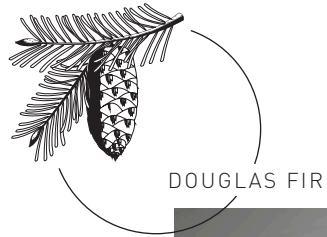


**URBAN CLASSIC,
ENGINEERED**

For this house the clients wanted a light, inviting wood floor, to juxtapose dynamically with the clear uncluttered layout of the rooms. The oak creates a warm, natural contrast to the otherwise restrained, minimalist design of the subject. Treated with oil, the

floor gives the room a natural, homelike character. The richness and character of the floor contrasts beautifully with the clean and simple walls.

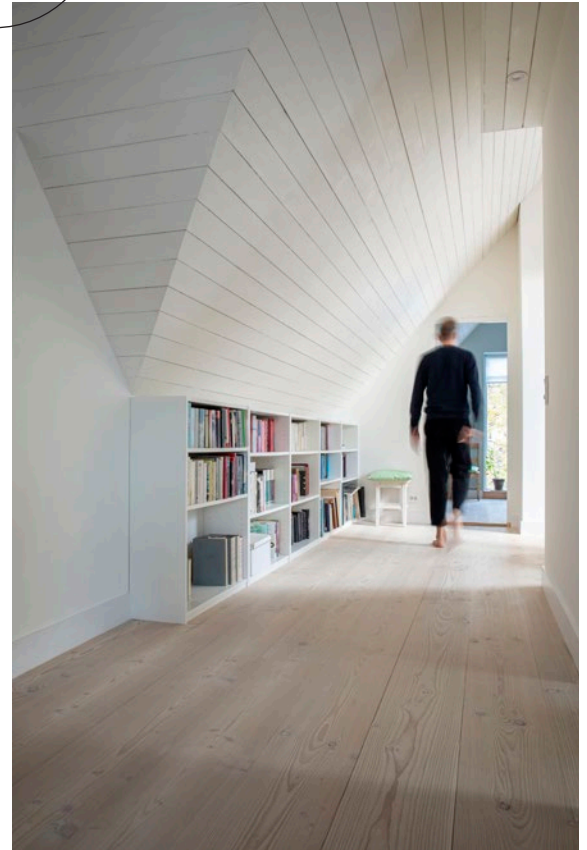






 LYE & SOAP WHITE

 ROOM LENGTHS: 4-6 M

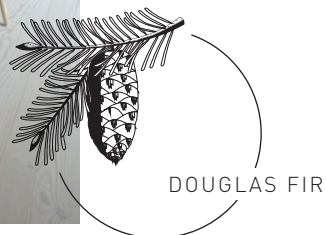
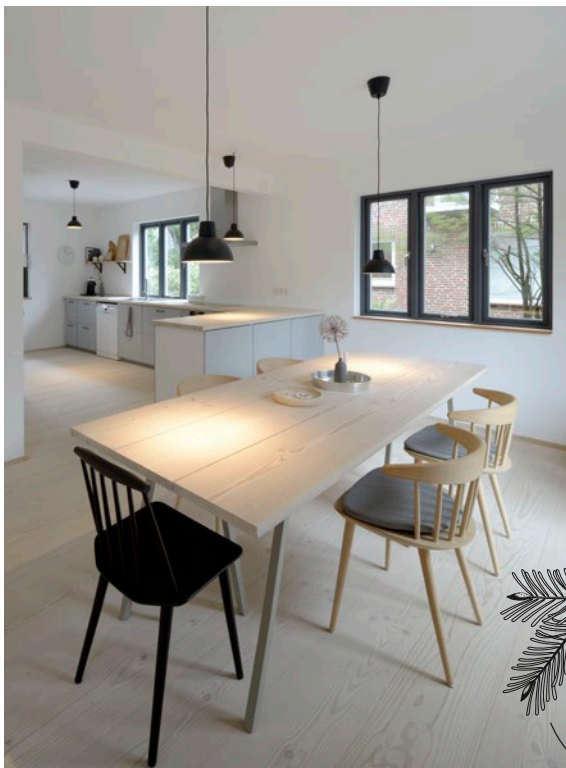
 URBAN CLASSIC, SOLID WOOD



 LYE & OIL WHITE

 RANDOM LENGTHS
& ROOM LENGTHS

 URBAN CLASSIC,
SOLID WOOD





 OIL NATURAL

 ROOM LENGTHS: UP TO 8 M

 URBAN CLASSIC,
SOLID WOOD







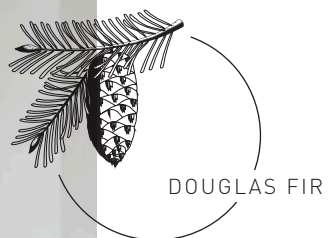
PRIVATE RESIDENCE NEAR MUNICH

 **OIL NATURAL** **ROOM LENGTHS: UP TO 8,50 M** **URBAN CLASSIC,
SOLID WOOD**

The particular features of this room come from its generous use of wood, accentuated in itself due to the lack of visible concrete elements. This is why it was important to choose a wood which in its own right offered a variety of different appearances and could

achieve both optical variation and dynamism. Ash is the ideal wood of strong contrasts, as the heartwood and sapwood can offer many different shades of colour. The atmosphere of the room lives and breathes wood.





 **LYE & SOAP WHITE**

 **ROOM LENGTHS: UP TO 6 M**

 **URBAN CLASSIC,
SOLID WOOD**



PRIVATE RESIDENCE NEAR OBERKIRCH

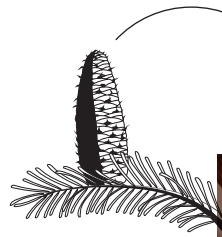
 OIL WHITE

 RANDOM LENGTHS

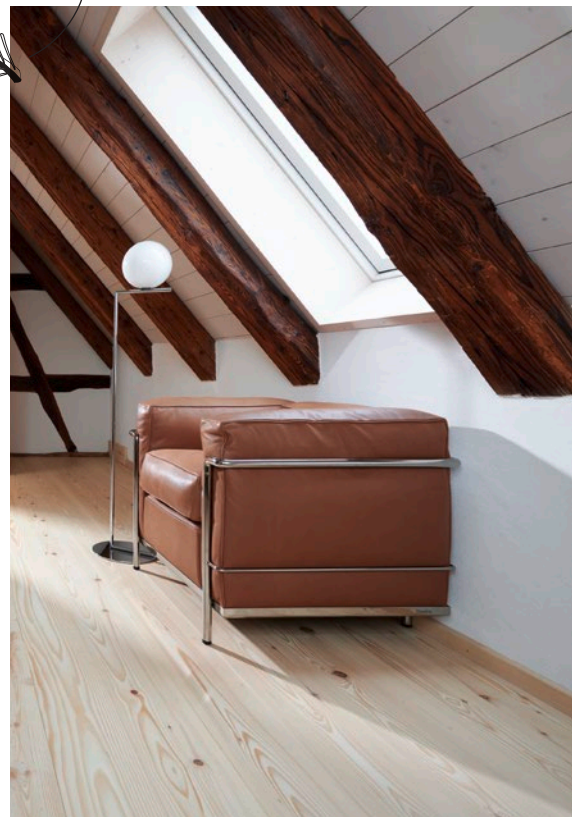
 COUNTRY CLASSIC,
SOLID WOOD

The clients for this project came to us with an existing half-timbered house. It quickly became clear that we wanted to work with light, modern silver fir, in order to create contrasts. Tradition meets modernity, dark meets light. The silver fir also grows in this region,

thus combining sustainability with South German identity in this project. The contrasts in texture and colour, old and new, combine to create something more exciting than each individual element.



SILVER FIR



IMPRINT

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CONCEPT AND DESIGN

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