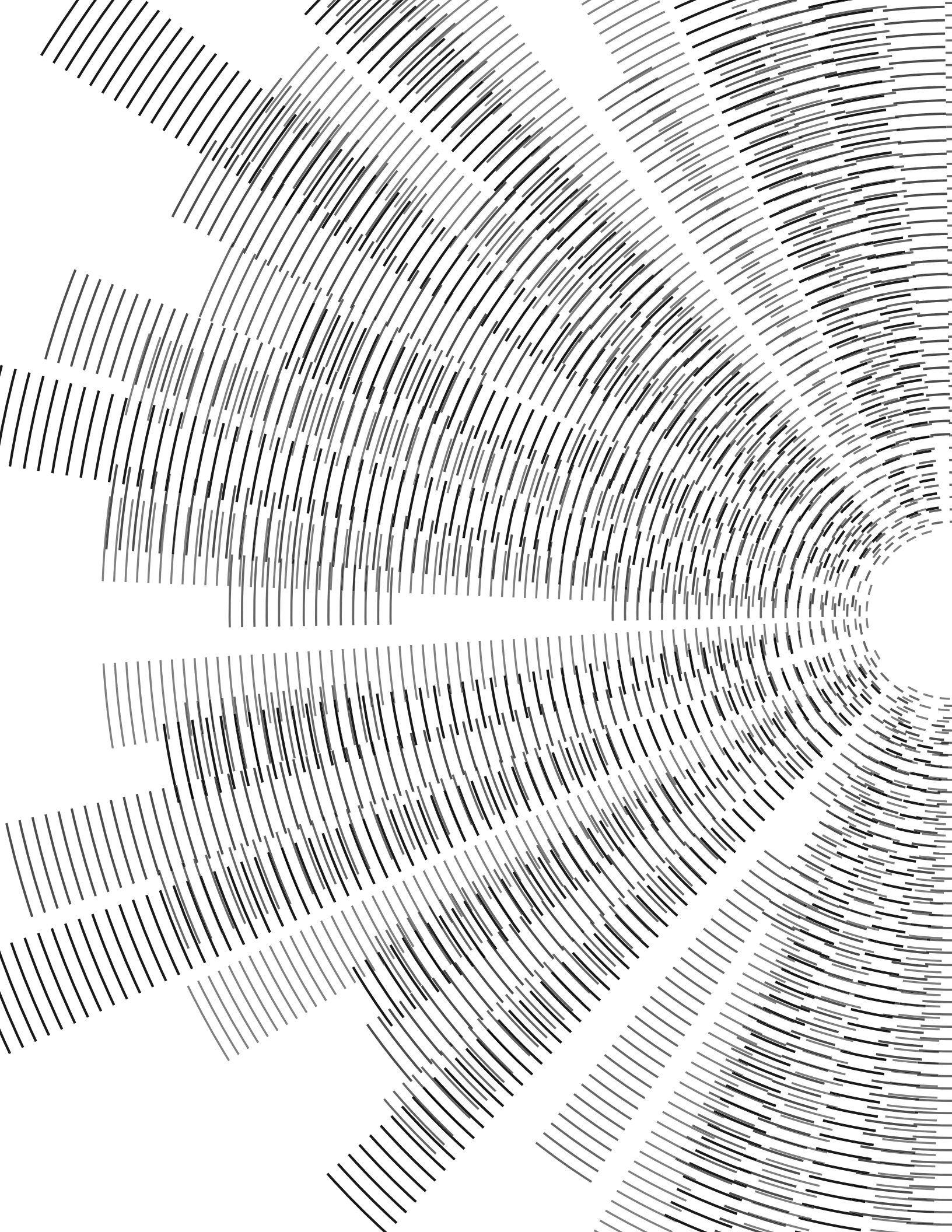
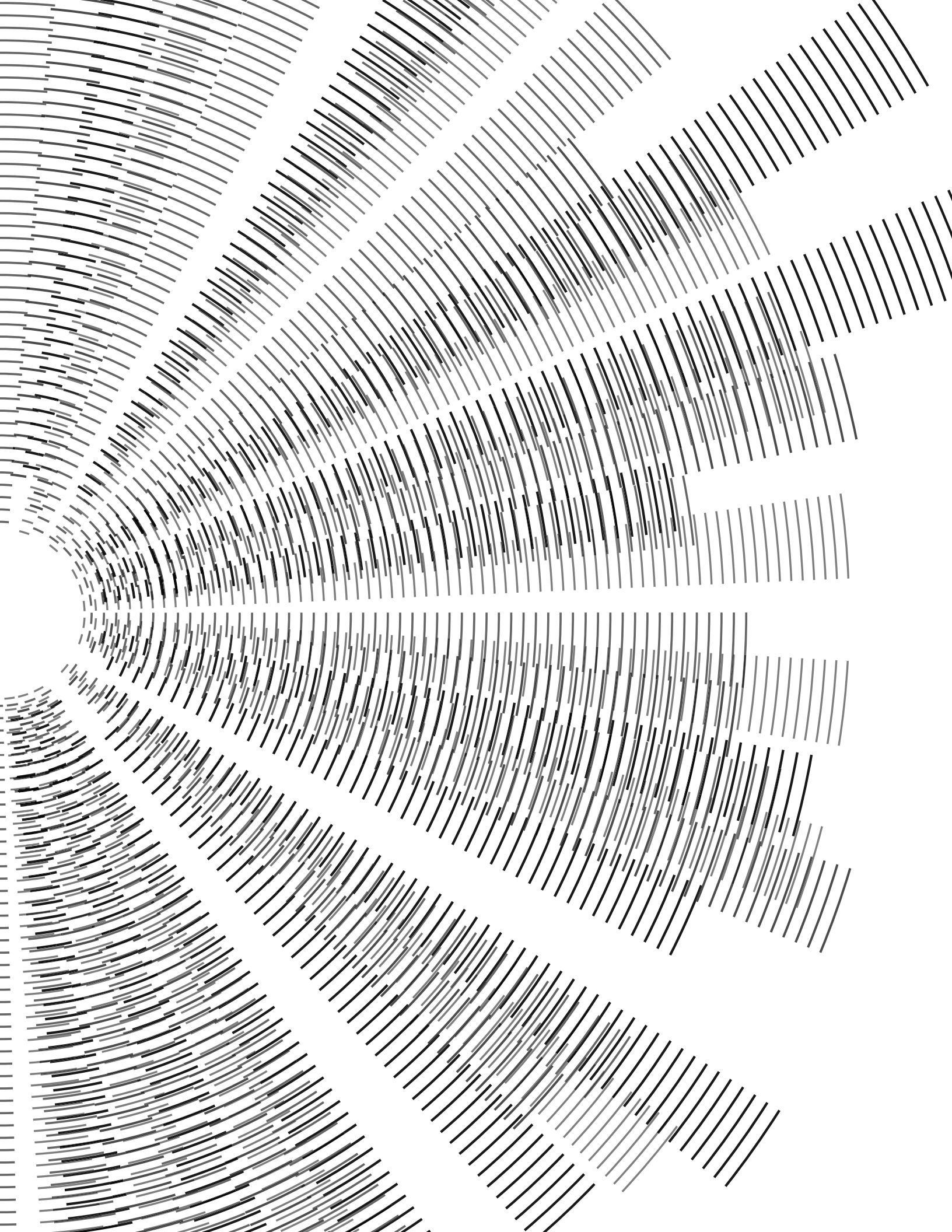
catalogue /2021

fuse flooring





about

enhancing the intrinsic beauty of wood.

Fuse Flooring is the result of an appreciation of nature - its ability to create and to inspire. We're moved by wood's uneven grain, its knots, and unpredictability. We want to enhance the intrinsic beauty of wood.

Our appreciation drives us to provide the best and most beautiful wood floors.

who we are

Fraser Greenberg / Marketing

From the third generation of flooring professionals and on his third decade marketing the products. His preference is for sophistication and playfulness.

Tyler Greenberg / Sales

Tyler draws from his design background and extensive travels to create new woodflooring collections.

heritage

founded in
Toronto, Canada

Fuse Flooring was founded in 1994 by Relative Space in Toronto, Canada. After years of curating collections of the world's best wood flooring, it was time to design one for our market.

As a family flooring business, our roots are three generations deep. We come from Canada where more than 50% of the country is covered by forests a big palette and a lot of inspiration.

For Fuse Flooring, we wanted a collection that was sustainable, both environmentally and socially. Something that was made equally with quality and integrity.

philosophy

We wanted to create a collection that fit the beauty of wood with the style of our country. After decades of seeing the best wood flooring made in the world, we knew what we wanted in ours.

It was important that the collection met our ideals of sustainability and social responsibility. All material has multiple certifications. Every component is manufactured in factories we have visited.

craft-manship

materials

manufactered in germany and austria

All products are made from 100% certified, real wood, that is tracked from seed to harvest. All products are fully manufactured in Germany and Austria.

The use of adhesives and other compounds is minimized. All non-natural compounds are also certified to ensure low to no off-gassing and no impacts on indoor air quality.

source and standards

All wood used in the assembly of Fuse Flooring products comes from sustainably managed forests in Europe and carry either PEFC of FSC certification, among others.

The manufacturing facilities are all governed by labour laws that meet or exceed Canadian standards. This ensures fair pay and working conditions for everyone involved in the creation of our products.

sustainability

Sustainable Materials

certified real wood

All wood in Fuse Flooring products comes from sustainably grown and harvested forests. The wood is fully certified on its journey from seed to board.

Health Conscious

Materials and manufacturing are chosen to create a healthy product. Multiple certifications for low or no volatile organic compound (VOC) emissions ensure indoor air quality is not compromised.

Responsible Manufacturing

Products are made in Germany and Austria where strong labour laws ensure workers are paid fairly and work in safe environments.

Longevity

High quality products last longer and are replaced less frequently. Our floors' structural stability and refinishing options allow the floor to last for decades.

certifications

PEFC

The Programme for the Endorsement of Forest Certification (PEFC) is a global body that ensures sustainable forest management and prevents deforestation. It is similar and often considered equivalent to FSC.

Floor Score

A third-party certification indicating low to zero VOC emissions. All parts of the product are tested including the wood, finish, and adhesive.

Émissions Dans l'Air Intérieur A+

Measures total VOCs of 10 different substances for interior products. Class A+ is the lowest level of emissions that can be achieved.

CARB2 Compliant

The CARB 2 standard is a limitation on formaldehyde emissions. Created by the California Air Resources Board (CARB), their mandates are strict and the standard across the industry.

Real Wood

Certifies that the product is made exclusively from wood and not composite materials that may contain plastic or other synthetics.

collection overview

four collections and fifteen finishes

The Fuse Flooring collection is split into four distinct collections: Wide, Herringbone, Flux and the bespoke Sumo.

Each collection is defined by one unique feature, but carries the same high quality. Precision made, all-wood construction will remain flat and unwarped through its life. A matte, durable finish resists scratches and wear and tear.

Made in Austria or Germany, and designed by Relative Space, these engineered hardwood floors represent a high standard in quality and performance.

flyt wide

Classic lightly rustic wide-plank floors coated by a durable Bona finish with high abrasion resistance that can be easily recoated. A matte finish and soft texture reflect the most desirable qualities of the wood. Available in ten curated colours.

flyt collection

flyt herringbone

A traditional herringbone style in five contemporary colours. One of the only herringbone floors that can be installed floated or glued down.

flux

Extra wide, rustic white oak with a super matte finish. The 233 mm wide planks with lengths of 2380 mm allow the knots and grain room to spread out over a large area.

sumo

sub-collection

Bespoke wood flooring in widths up to 600mm and lengths up to 12m. Many colours, textures, finishes and patterns can be made to perfectly suit your space.

comparison

Each collection has unique characteristics that define it.

1 / wide

Has a clean grade with large sized planks to create a calmer look.

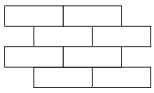
grade

Natural



pattern

Plank



plank size

160 mm



2 / herringbone

A patterned floor that adds sophistication to your rooms.

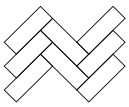
grade

Natural



pattern

Herringbone



plank size

95 mm



3 / flux

A super sized plank with select knots and characteristics that provides a natural look.

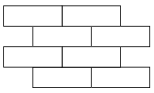
grade

Rustic



pattern

Plank



plank size

233 mm



4 / sumo

A bespoke wood flooring that lets you create the perfect floor for your space.

custom

grade /
Natural / Rustic / Clear
pattern /
Herringbone / Chevron / Plank / Mix Widths
cut /
Flatsawn / Quartersawn
surface /
Sanded / Brushed
finish /
Lacquer / Oil

plank size

Up to 600 mm





1 / wide

Mont Blanc, page 26



2 / herringbone

Perch, page 40



3 / flux

Como, page 58



4 / sumo

Antique, page 78

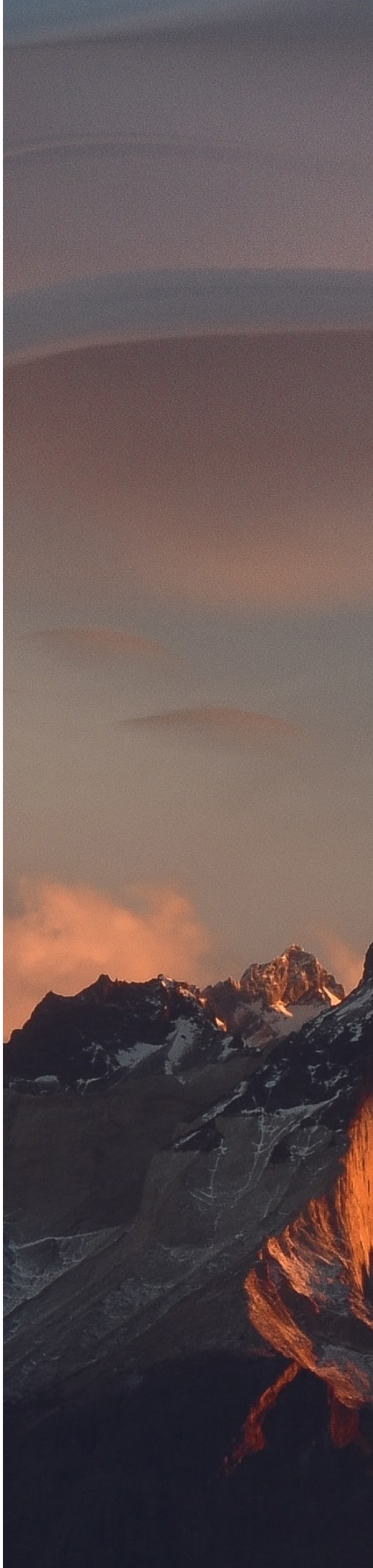
flyt wide collectio

emin / mont blan
matterhorn / mer
baker / logan / d
brocken / tianzi

n /
c /
u / coto /
olomite /

wide collection

Flyt Wide is distinguished by natural tones and large sized planks. Like the mountains they're named after, each colour has its own distinct style and charm, elevated by their scale. Using only full sized boards with subtle colour variation, these products have a calm, unified look.

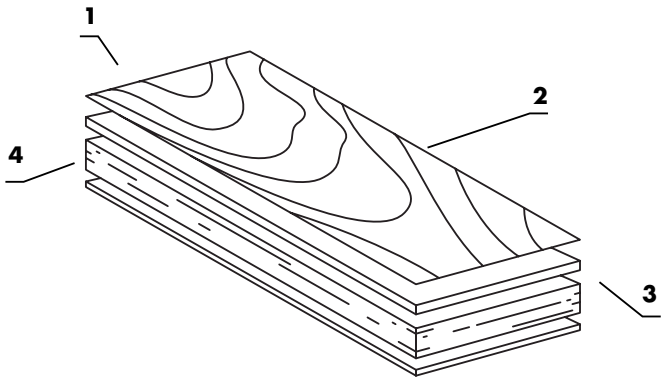





LENIN'S TOMB
DAVID REMNICK



features



1 / finish

Matte Bona Lacquer

2 / texture

Light Brush

3 / top layer

White Oak

4 / core

Quartersawn Spruce

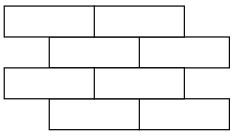
dimensions

13 H x 160 W x 2010 L mm
All planks are full length, no shorts.

installation

Glue Down or Float
Radiant Heat Compatible

wide plank assembly



Connection System: Drop and Lock (“click”)
Bevel 4-sides



accessory options

Made from the same material as the floor
for a perfect match.

stairs

Full clading: riser, tread, and nosing
Up to 2000 mm wide



vents

All wood, with damper. Two sizes:
76 W x 254 L mm
101 W x 254 L mm



nosing

Up to 2000 mm long
108 mm wide



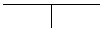
flush reducer

Up to 2000 mm long
44 mm wide



t-mould

Up to 2000 mm long
44 mm wide





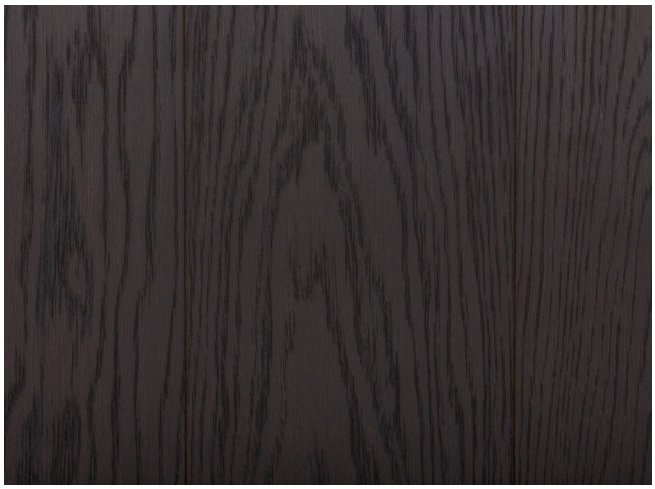
emin



mont blanc



matterhorn



meru



coto



baker



logan



dolomite



brocken



tianzi



wide specs

1 / product

collection
Flyt

style
Plank

finish
Bona lacquer

surface
Light brush

2 / construction

type
Engineered hardwood

layers
3-layer

edge
Bevel 4-sides

connections
Drop and lock (‘click’)

dimensions
13 H x 160 W x 2010 L mm

3 / wood

species
White Oak

grade
Natural

treatment
Stained

cut
Flatsawn

hardness
1360 (Janka scale)

4 / layers

lamella
White Oak

thickness
Nominal 2.5 mm

core
Spruce

thickness
9 mm

backing
Spruce Ply

origins
Made in Austria or Germany

certifications
PEFC
Floor Score
Émmisions Dans l'Air Intérieur A+
CARB2 Compliant
Real Wood







mont blanc (page 26)

flyt herringbone c

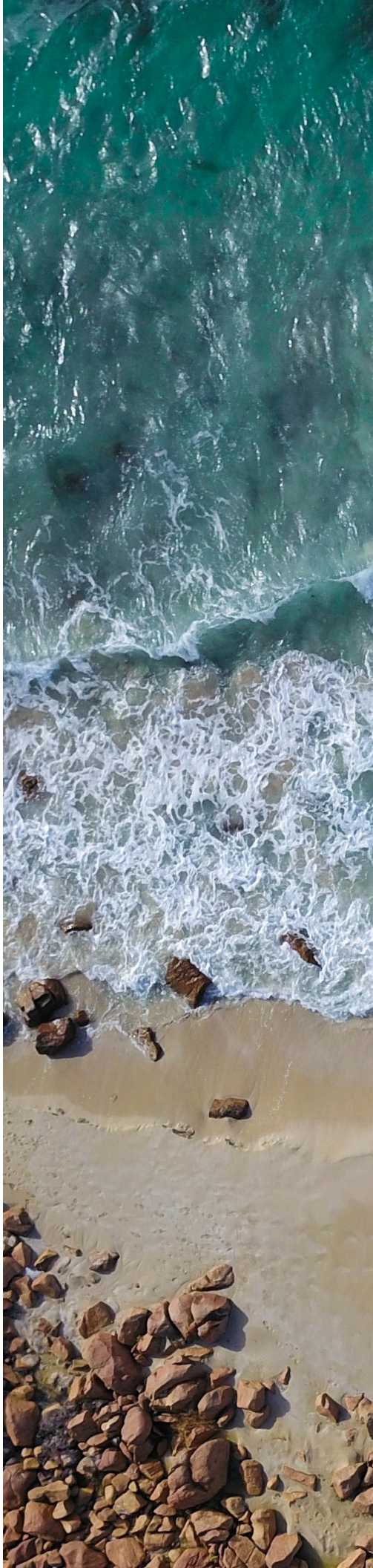
bass / perch / pla
bream / skate

ollection /

iice /

herringbone collection

Subtle colour variation brings life to the herringbone pattern. Named after fish who's scales inspired the pattern's name, the collection features five colours for traditional and contemporary spaces. Can be installed as a floated floor.



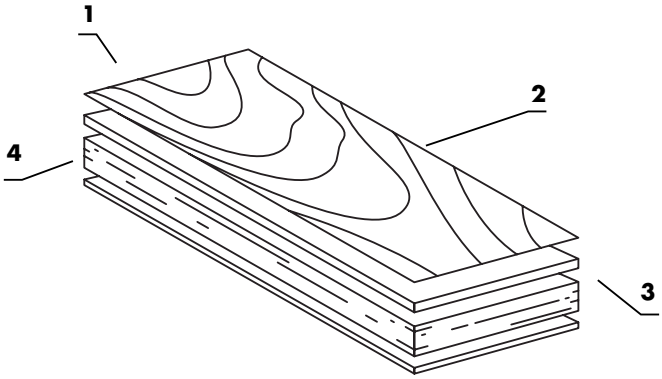






perch (page 40)

features



1 / finish

Matte Bona Lacquer

2 / texture

Light Brush

3 / top layer

White Oak

4 / core

Quartersawn Spruce

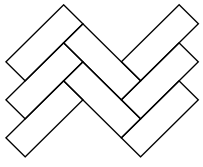
dimensions

13 H x 95 W x 570 L mm

installation

Glue Down or Float
Radiant Heat Compatible

herringbone assembly



Connection Drop and Lock (“click”)
Bevel 4-sides



accessory options

Made from the same material as the floor
for a perfect match.

stairs

Full clading: riser, tread, and nosing
Up to 2000 mm wide



vents

All wood, with damper. Two sizes:
76 W x 254 L mm
101 W x 254 L mm



nosing

Up to 2000 mm long
108 mm wide



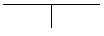
flush reducer

Up to 2000 mm long
44 mm wide



t-mould

Up to 2000 mm long
44 mm wide





bass



perch



plaice





bream



skate



herringbone specs

1 / product

collection
Flyt

style
Herringbone

finish
Bona urethane

surface
Brushed

2 / construction

type
Engineered hardwood

layers
3-layer

edge
Bevel 4-sides

connections
Drop and lock (‘click’

dimensions
13 H x 95 W x 570 L mm

3 / wood

species
White Oak

grade
Natural

treatment
Stained

cut
Flatsawn

hardness
1360 (Janka scale)

4 / layers

lamella
White Oak

thickness
Nominal 2.5 mm

core
Spruce

thickness
9 mm

backing
Spruce Ply

origins

Made in Austria or Germany

certifications

PEFC
Floor Score
Émmisions Dans l'Air Intérieur A+
CARB2 Compliant
Real Wood







perch (page 40)

flux collection /

constance / lugan
como / garda / lu

o / maggiore / cerne

flux collection

Named after lakes in Italy, Flux captures the natural movement of wood across its supersized boards, like the surface of water. Using a curated grade of white oak, thewood's character is given room to show its natural beauty.

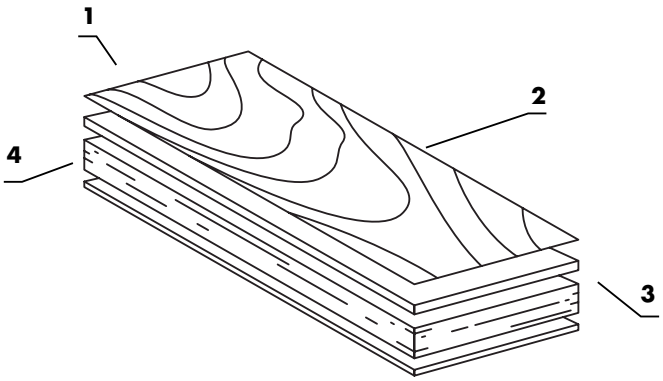








features



1 / finish

Matte Bona Lacquer

2 / texture

Light Brush

3 / top layer

White Oak

4 / core

Quartersawn Spruce

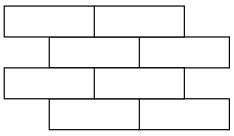
dimensions

13 H x 233 W x 2380 L mm

installation

Glue Down or Float
Radiant Heat Compatible

wide plank assembly



Connection Drop and Lock (“click”)
Bevel 4-sides



accessory options

Made from the same material as the floor
for a perfect match.

stairs

Full clading: riser, tread, and nosing
Up to 2000 mm wide



vents

All wood, with damper. Two sizes:
76 W x 254 L mm
101 W x 254 L mm



nosing

Up to 2000 mm long
108 mm wide



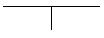
flush reducer

Up to 2000 mm long
44 mm wide



t-mould

Up to 2000 mm long
44 mm wide





constance



lugano



maggiore



como





garda



lucerne



flux specs

1 / product

collection
Flux

style
Plank

finish
Bona lacquer

surface
Light Brush

2 / construction

type
Engineered Hardwood

layers
3-layer

edge
Bevel 4-sides

connections
Drop & Lock (“click”)

dimensions
13 H x 233 W x 2380 L mm

3 / wood

species
White Oak

grade
Rustic

treatment
Stained

cut
Flatsawn

hardness
1360 (“Janka Scale”)

4 / layers

lamella
White Oak

thickness
Nomnial 2.5 mm

core
Spruce

thickness
9 mm

backing
Spruce Ply

origins
Made in Austria or Germany

certifications
PEFC
Floor Score
Émmisions Dans l'Air Intérieur A+
CARB2 Compliant
Real Wood







base (page 30)

sumo collection /

akinori / antique
dusk / chrome / h
masaji / ryoji / se
obsidian / ivory /
taro / tozo / yosh
yasushi / manzo

white /
hiroshi /
edaji /
/ antique /
i /

sumo collection

A bespoke wood flooring collection with maximum dimensions of more than 600mm in width and 12 metres in length. Every aspect of Sumo is customizable, allowing you to create the perfect floor for your space.









obsidian (page 79)

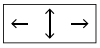
customizability

Sumo offers a wide range of possibilities for customization. Sumo product samples and photos are presented in a standard configuration.

certified real wood

dimensions

Width 164mm - 600mm /
Length 1800mm - 12000mm /
Thickness 15mm - 20mm



pattern

Plank /
Herringbone /
Chevron /
Mixed Widths



grade

Clear /
Natural /
Rustic



cut

Flatsawn /
Quartersawn



Custom samples for your
configuration can be created.

surface

Sanded /
Brushed /
Hand-scraped /
Hand-planed /
Spot sanding by hand



finish

Super matte lacquer /
Rubio oil



construction

3 layer with ply back /
3 layer counter-balanced



installation

Gluedown
Compatible with radiant heat



accessory options

certified real wood

Made from the same material as the floor for a perfect match.

stairs

Cladding or full stairs available
Can be any size, finished on up to all 6 sides
Open, closed, and stringer to stringer stairs



vents

Custom vents in most sizes can be made



nosing

Square, bullnose, or angled
Any width



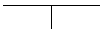
reducer

Flush or resting on top
Any width



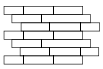
t-mould

Resting on top
Any width



wall cladding

Can be configured like the floor
Special construction for application to other surfaces





antique white (page 76)



akinori



antique white



dusk



chrome



hiroshi



masaji



ryoji



sedaji



obsidian



ivory



antique



taro



yoshi



yasushi



manzo



coca

sumo specs

1 / product

collection
Sumo

style
Plank

finish
Various

surface
Brushed

2 / construction

type
Engineered hardwood

layers
3-layer

edge
Bevel 2-sides or 4-sides

connections
Tongue and groove

dimensions
Various

3 / wood

species
White Oak

grade
Various

treatment
Various

cut
Flatsawn

hardness
1360 (Janka scale)

4 / layers

lamella
White Oak

thickness
Various

core
Spruce

thickness
Various

backing
Spruce

origins
Made in Austria or Germany

certifications
PEFC
Floor Score
Émmisions Dans l'Air Intérieur A+
CARB2 Compliant
Real Wood







antique (page 78)

variation & grade

wood color variation

general specs notes

All wooden floors have natural colour variation. Untreated floors will have some colour variation, depending on the species. Stained floors generally have less colour variation. Smoked floors have more colour variation.

Please be aware of the amount of variation to expect by looking at the 'wood - treatment' section, or contact a sales representative for pictures and futher information

wood hardness

The Jenka hardness scale is determined by the amount of force required to embed an 11 mm steel ball half-way into the wood. A higher rating is a harder wood.

Note that this does not indicate a product's resistance to scratching, just denting.

wood color change

Wood changes colour when exposed to sunlight. This process is called ‘oxidization’ and happens over a period of several months to several years, depending on the species.

Different species will change different colours over different periods of time. Note that certain finishes also oxidize and this colour change is in addition to the wood’s oxidization.

dimensions

The dimensions indicated are for the standard sizes. For Sumo, other dimensions are available for width, height and length, as well as mixed dimensions.



grade guide



select

Maximum size of sound knots	——	15 mm
Maximum sizee of open knots	——	Not allowed
Heart / Pith	——	Not allowed
Sapwood	——	Not allowed
End checks / End cracks	——	Not allowed
Small crakcs	——	Not allowed
Colour Variation	——	Harmonic
Ingrown bark	——	15 mm



nature

Maximum size of sound knots	——	30 mm
Maximum sizee of open knots	——	15 mm
Heart / Pith	——	Not allowed
Sapwood	——	Not allowed
End checks / End cracks	——	Not allowed
Small crakcs	——	Allowed / up to 100 mm long & 1 mm
Colour Variation	——	Harmonic
Ingrown bark	——	Not allowed

Hardwood grades are based on the size and number of clear pieces that can be obtained from a board.

Grades are not determined by gut reactions but actual measurements of clear sections and definitions for characteristics.



living / classic

Maximum size of sound knots	——	50 mm
Maximum sizee of open knots	——	25 mm
Heart / Pith	——	Not allowed
Sapwood	——	Allowed / 2 cm both sides or 4 cm one side
End checks / End cracks	——	Not allowed
Small crakcs	——	Allowed / up to 100 mm long & 1 mm
Colour Variation	——	All colours
Ingrown bark	——	Not allowed



rustic

Maximum size of sound knots	——	80 mm
Maximum sizee of open knots	——	50 mm
Heart / Pith	——	Allowed
Sapwood	——	Not allowed
End checks / End cracks	——	Allowed / up to 400 mm long & 8 mm
Small crakcs	——	Allowed / up to 1105 mm & 1 mm
Colour Variation	——	All colours
Ingrown bark	——	Allowed / up to 50 mm long & 3mm

fuse

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ON, CANADA M5A 1K6

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relative-space.com

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