

PRODUCT CATALOGUE

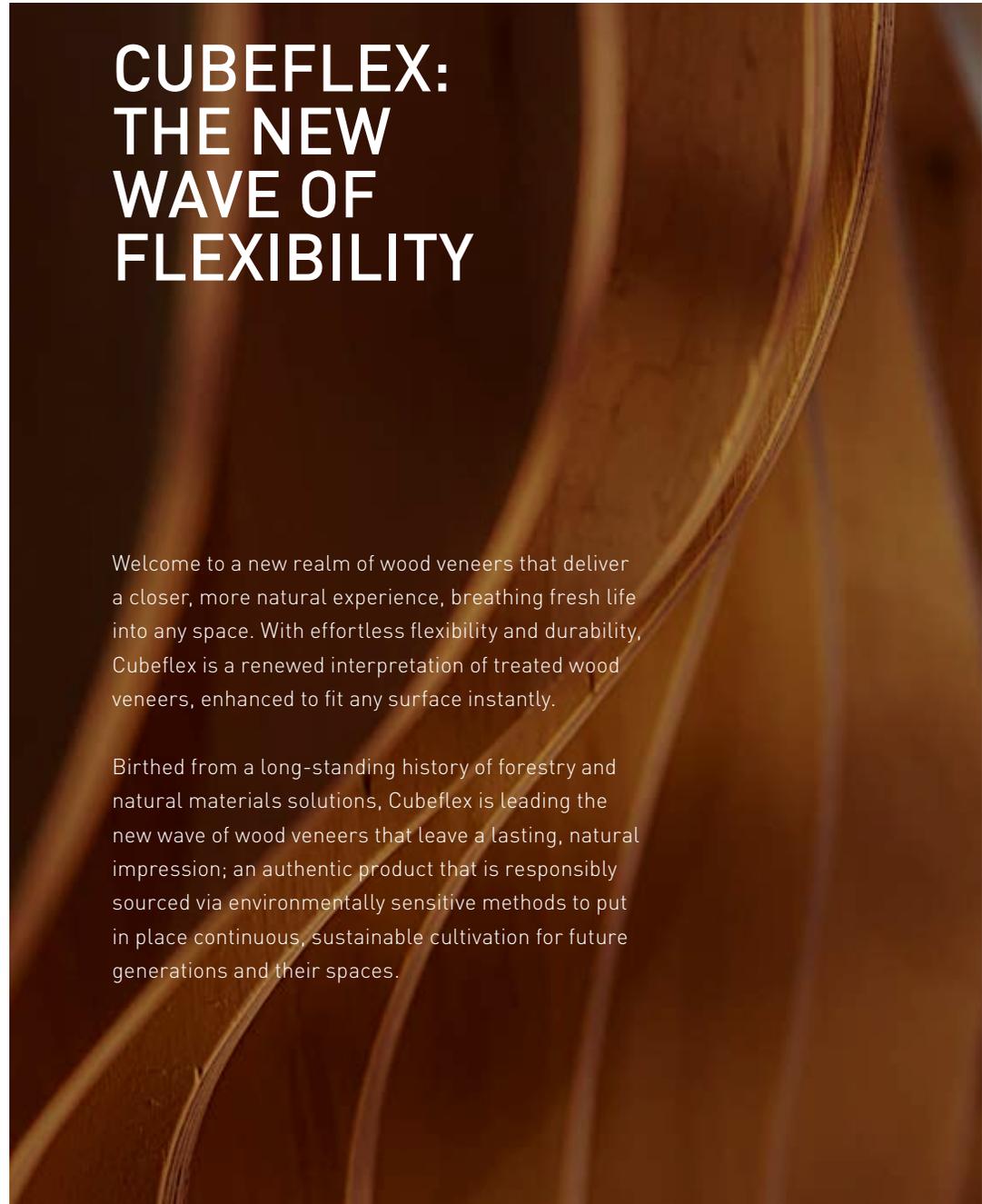


CUBEFLEX

CUBEFLEX: THE NEW WAVE OF FLEXIBILITY

Welcome to a new realm of wood veneers that deliver a closer, more natural experience, breathing fresh life into any space. With effortless flexibility and durability, Cubeflex is a renewed interpretation of treated wood veneers, enhanced to fit any surface instantly.

Birthered from a long-standing history of forestry and natural materials solutions, Cubeflex is leading the new wave of wood veneers that leave a lasting, natural impression; an authentic product that is responsibly sourced via environmentally sensitive methods to put in place continuous, sustainable cultivation for future generations and their spaces.





COMPANY STORY

From a history of forestry logging across Borneo to managing the materials supply chain for furniture manufacturers in Southeast Asia, Cubeflex is recognised as the brains behind the grain and becoming Asia's preferred choice for wood veneers.

Our team of material experts, hailing from a heritage of wood expertise, are fuelled by a passion for developing and promoting stunning and sustainable engineered wood products that appeal to discerning interior businesses and consumers worldwide.

As we strive towards a future where high-quality wood products are part of a thriving sustainable future, we ensure quality standards are aligned with Singapore Green Label, and are FSC certified with ISO 14000 and ISO 9001 in China.

GENERAL REQUIREMENTS

CHARACTERISTIC	REQUIREMENT ACCORDING BS EN 438	UNIT (MAX or MIN)	RESULT	COMPLIES
Squareness of edges	N.A		⁹ max = 0.05mm	Yes
Straightness of edges	N.A		⁹ max = 0.00mm/m	Yes
Resistance to surface wear	350	Revolutions (min)	682	Yes
Resistance to impact by small diameter ball	20	N (min)	25	Yes
Resistance to scratching		3	5	Yes
Dimensional stability at elevated temperature	0.55	% max L	⁹ average = 0.22mm ⁹ average = 0.22mm	Yes
Resistance to immersion in boiling water	3 4	Rating (min) gloss finish Other finishes	Gloss rating = 4 Edge rating = 5	Yes
Resistance to staining	3 4	Rating (min) Groups 1&2 Group 3	5 5	Yes
Resistance to water vapour	3 4	Rating (min) gloss finish Other finishes	5 5	Yes
Resistance to cracking under stress	4	Rating (min)	5	Yes
Resistance to blistering	≥ 10	Time to blister(s)	≥ 60	Yes

FORMABILITY

SAMPLE REFERENCE	VENEER WOOD		
	S1	S2	S3
Specimen reference	S1	S2	S3
Sample conditioning @ 23±2°C, 50±5% R.H	From: 15/01/2018		To: 17/01/2018
Date of test	26/01/2018		
Test conditions	23°C ; 50% RH		
Method	B		
Thickness of specimen (mm)	0.45	0.42	0.43
Forming radius (mm)	25		
Direction of forming	Parallel to grain		
Observation	No blistering, delamination and discoloration	No blistering, delamination and discoloration	No blistering, delamination and discoloration

TEST REPORT

SUBJECT: Antimicrobia test of 'veneer' samples. The samples were submitted by Cubeflex Pte Ltd on 13/11/2017 and testing commenced on 29/01/2018.

TEST FOR: **Getz Bros & Co. (Singapore) Pte Ltd**
38C Jalan Pemimpin #04-01
Singapore 577180
getz-sg@getz.com.sg

TEST METHOD: JIS Z 2801 : 2010

TEST ORGANISMS: *E.coli* (ATCC 8739), and *S.aureus* (ATCC 6538P)

RESULT:

BACTERIA	INOCULUMS CELLS/CM ²	U ₀ CELLS/CM ²	U _t CELLS/CM ²	A _t CELLS/CM ²	R
<i>E.coli</i>	6.8 x 10 ⁴	1.5 x 10 ⁴ (4.2)	3.1 x 10 ⁴ (4.5)	<0.63 (-0.2)	4.7
<i>S.aureus</i>	6.2 x 10 ⁴	1.3 x 10 ⁴ (4.1)	4.5 x 10 ⁴ (4.6)	<0.63 (-0.2)	4.8

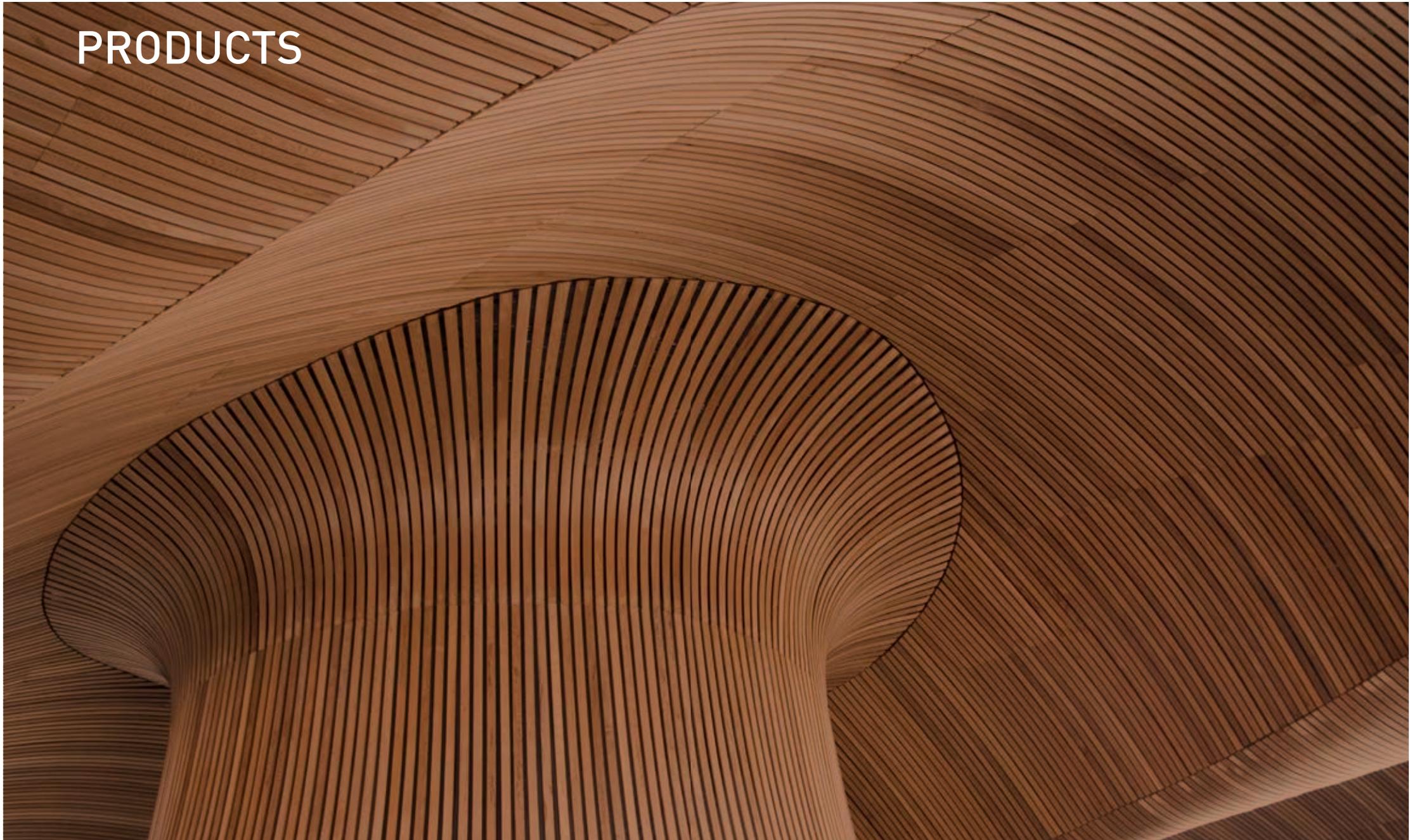
CONCLUSION: Based on the results obtained, the sample has passed the Antimicrobial Efficacy Test by obtaining log value more than 2.0 log reductions in accordance with JIS Z 2801 : 2010



REMARK:

- U₀ indicates average value of bacteria immediately after inoculation on untreated test pieces.
- U_t indicates average value of bacteria after inoculation on untreated test pieces after 24 hours.
- A_t indicates average value of bacteria after inoculation on treated test pieces after 24 hours.
- R indicates the log value of Antibacterial Activity – "Formula: R = [U₀-U_t]-[A_t-U_t]-[U_t-A_t]"
- Values in bracket indicate the log value.

PRODUCTS



TECTONA 6701S

(RANDOM GRAIN)

Tectona is derived from teak, which is one of the jewels that Southeast Asia produces. The wood is widely used even today for structural support due to its high density and resistance to wear and tear.

Teak is a common wood that offers a sense of safety and comfort in interior furniture, especially in Southeast Asia. It is best used for furniture pieces or even craft items - as it gives a sturdy look and feel.



QUERCUS 1611C (CROWN GRAIN)

The Oak Tree can be found mainly in the northern hemisphere. It is commonly associated and made popular with Scandinavian design.

It looks breathtaking in large pieces, giving a wood cottage look. The pale colours lighten up a room immediately.



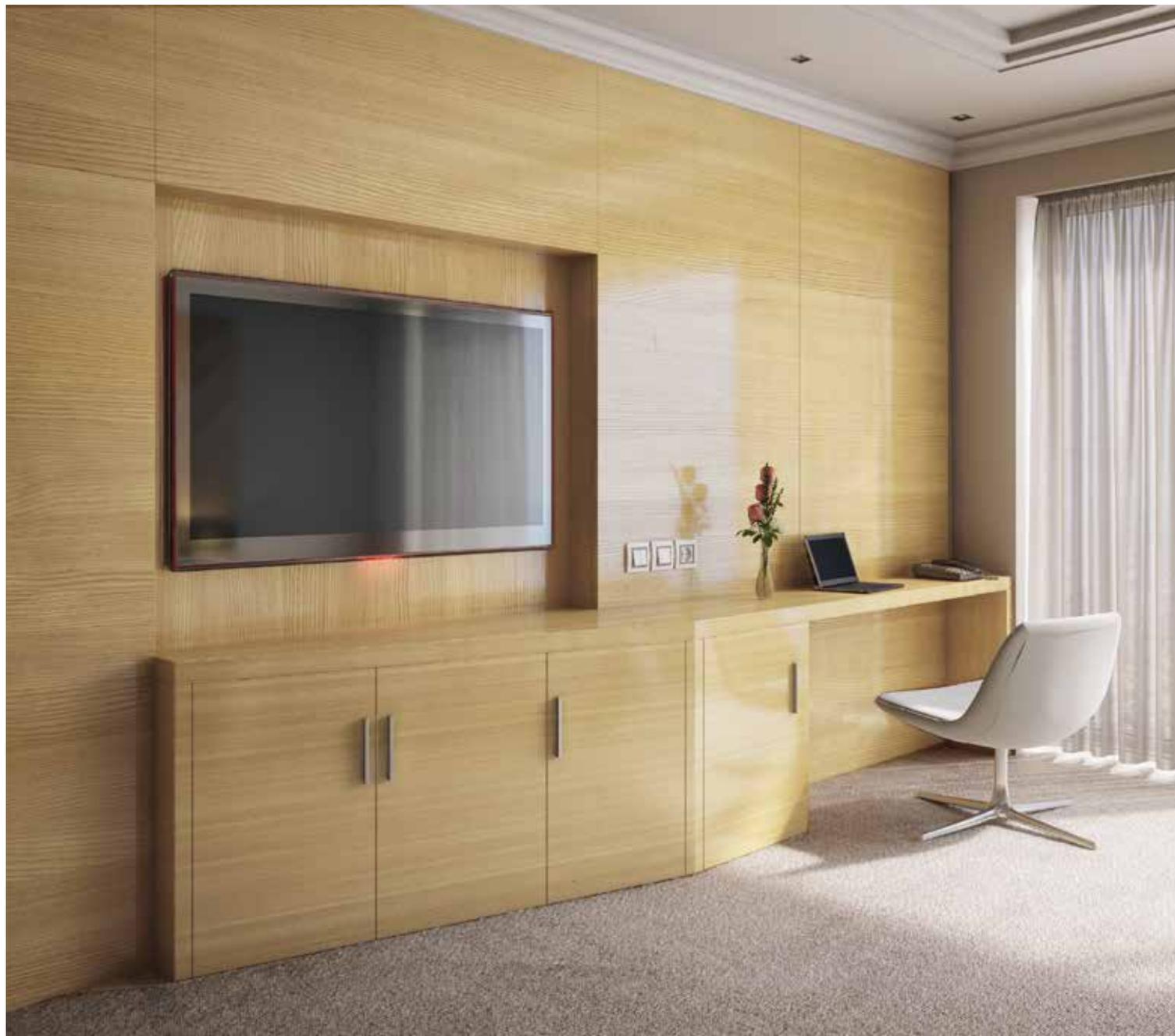
QUERCUS 1602S

(STRAIGHT GRAIN)

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It looks breathtaking in large pieces, giving a wood cottage look. The pale colours lighten up a room immediately.

In this version, the straight grains are perfect for finishing on the edges, as seen here.



CASUARINA 1601S

(STRAIGHT GRAIN)

Native to the Australia, the distinct dark lines of this wood, also known as SheOak, run down the entire wood grain in mild wave patterns.

The distinct dark lines against a pale wood background gives the wood a more aged look, reminiscent of concentric circles in a wood log. Popular for wooden grill designs and table tops, this makes it a good match for minimalist designs.



LITHOCARPUS 1811C

[CROWN GRAIN]

This Stone Oak derivative can usually be found in East and Southeast Asia. The direct Greek translation for "litho" is stone, this mood is known for its leathery textured bark and tan wood grains and sure hardness.

Its light grey wood tone is a preferred wood choice for industrial designs, and looks best as flooring panels on walls or ceilings, as it gives a nostalgic flavour to any interior.



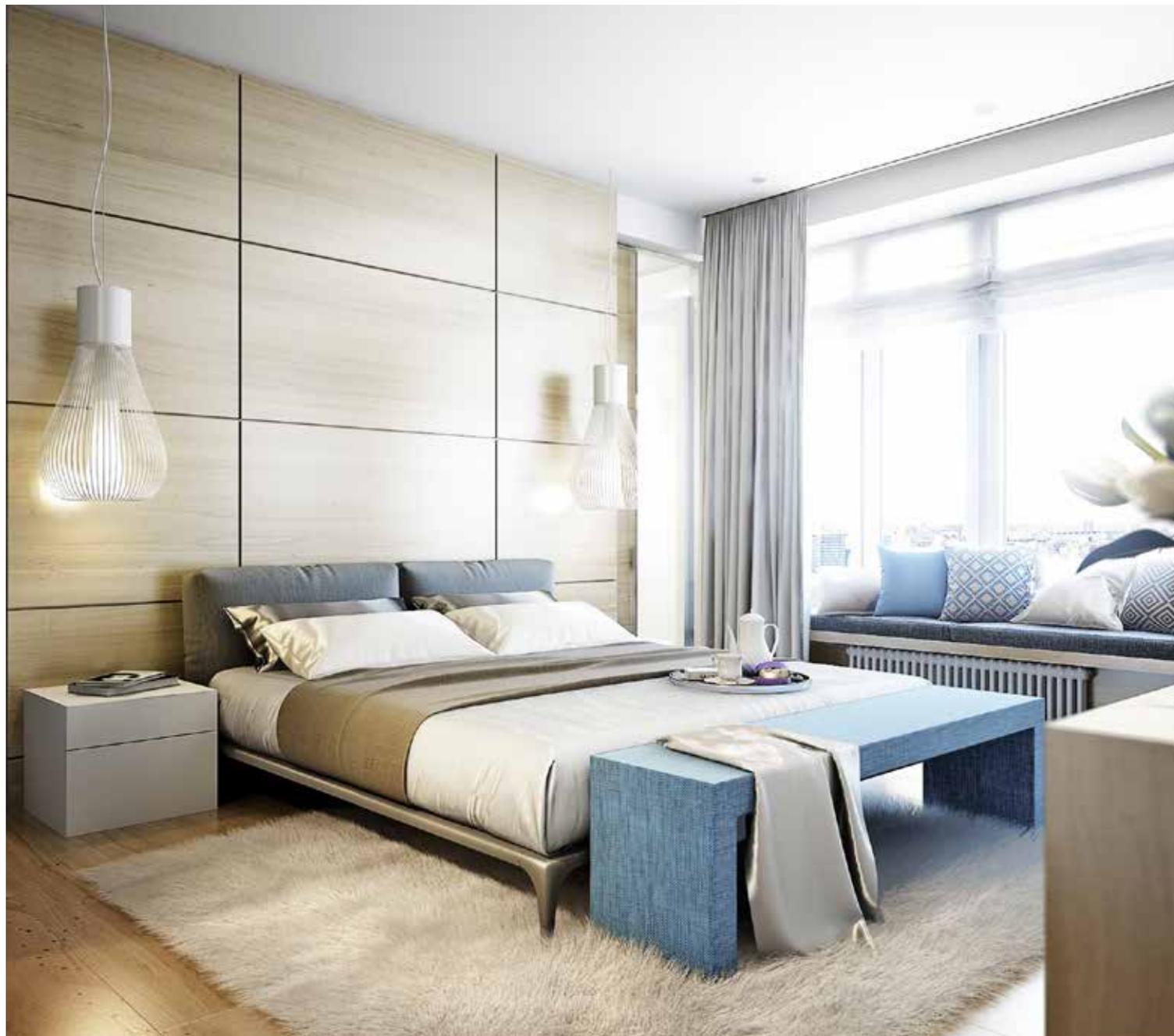
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The straight grains of this varietal make it suitable for edges or door panels as the grains are broad.



GREVILLEA 1701S

(FINELINE GRAIN)

Commonly known as Australian Silver Oak or Silky Oak, Grevillea carries a naturally grey colour and a fine grain look that is popular in beach resorts and hotels due to its close resemblance to driftwood.

This species of wood gives home interiors a sense of ease and a laid back appeal. It is suitable for ceiling and wall panelling to achieve a light-hearted touch to space planning.



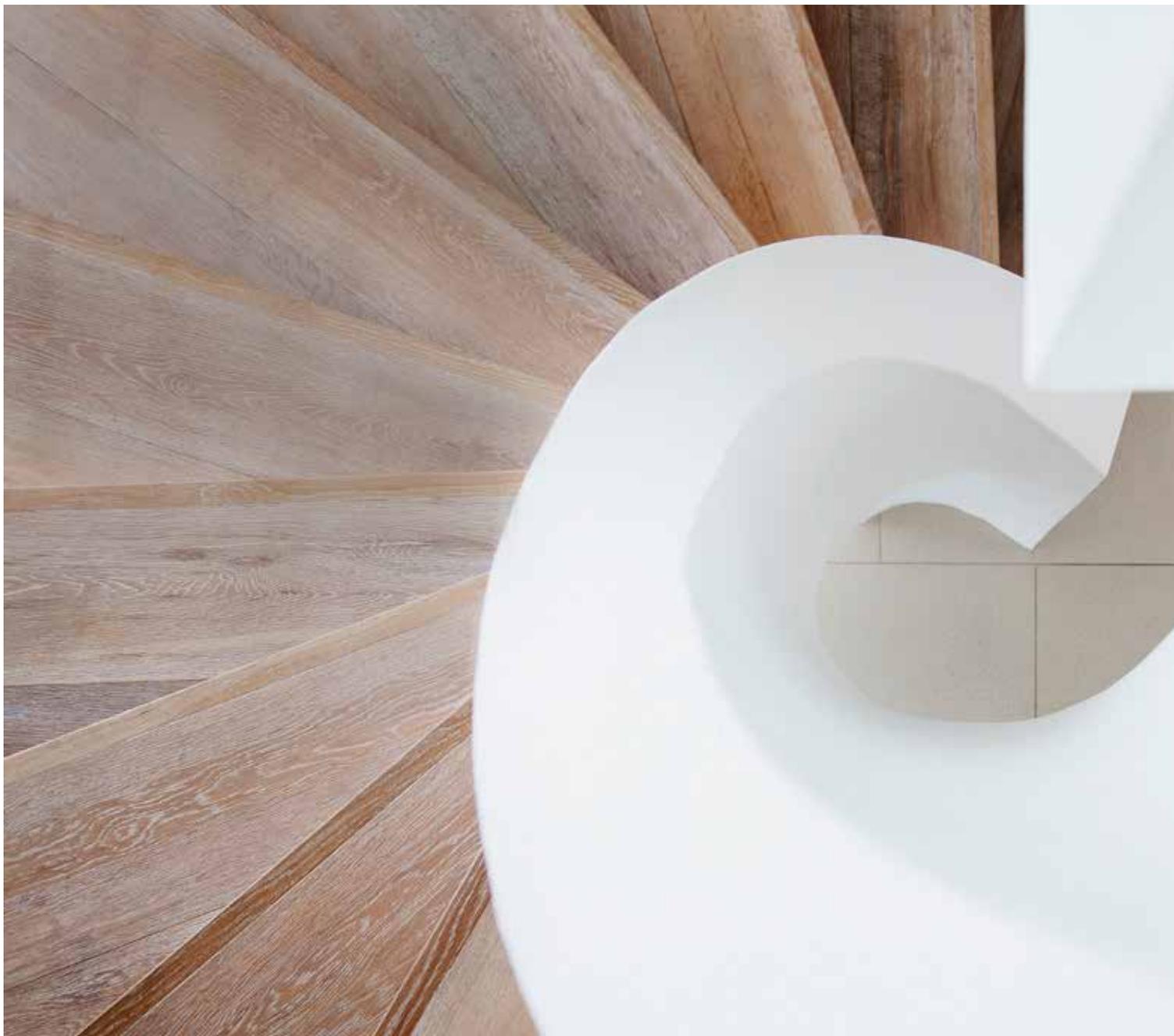


JUGLANS 2711C

(CROWN GRAIN)

Walnut — that's what everyone calls it. Walnut was originally found in Western Europe region. Its name was derived from old English, meaning "foreign nut".

Walnut's dark brown tone gives interior spaces a sense of depth and character. Being one of the most popular and oldest known wood species in modern day interior design, it is suitable for wall paneling and furniture surface.



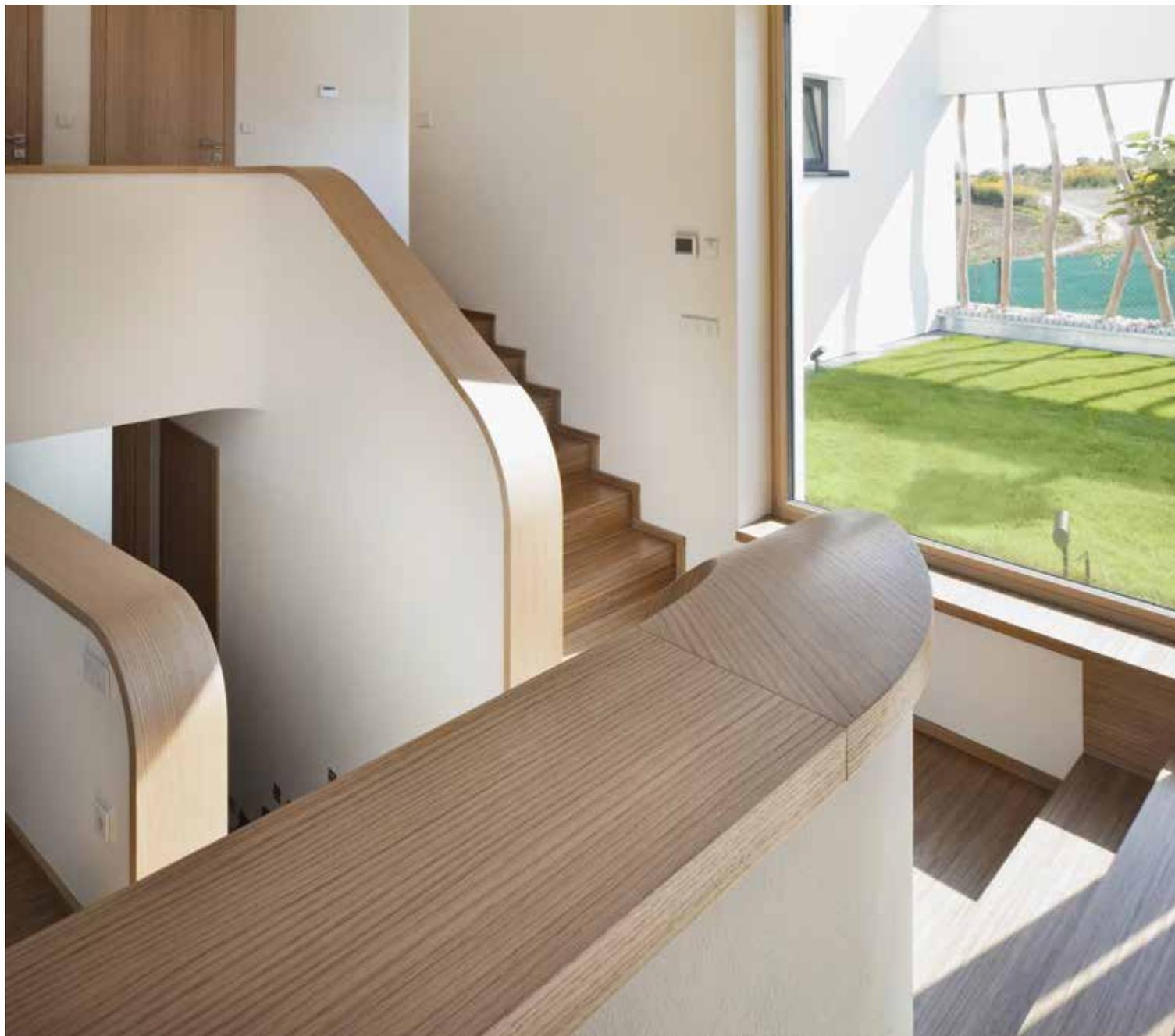
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The straight grains seen here make Juglans a great choice.



DALBERGIA 7811C

[CROWN GRAIN]

Rosewood has a fragrance which is how it got its name. This wood species could have been named after the Dalberg family, a noble family that resided in Germany who eventually could not continue their lineage. Similar to the fate of the Dalbergs, rosewood has been harvested to near extinction.

With this as a close replica, we have achieved a premium range of colours that is rich and dynamic, making it suitable for feature walls and small furniture.



ACER 8611C

(CROWN GRAIN)

This is derived from the Maple Tree or Maple Wood, which is commonly found in Asia even though it is the symbol of Canada. This also happens to be the same wood species that is widely used for making maple syrup.

Maple has a yellow-white tone with broad grains. It is perfect for small furniture pieces such as cupboards and drawers.



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Straight grains are excellent for counter tops for restaurants — one of the few wood species commonly used in Japanese-themed designs.



45 PARALLEL 1711C

(CROWN GRAIN)

45 Parallel is a region that sits on the latitude located halfway between the equator and the North Pole — and that's where Russian Oak is found. Its distinct feature is the fumed tone of the wood, which carries a much darker and richer oak tone compared to Quercus.

Great for wall panels, used extensively throughout home interiors because of its darker nature that gives a warmth to any space.



45 PARALLEL 1702S

(STRAIGHT GRAIN)

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Great for wall panels, used extensively throughout home interiors because of its darker nature that gives a warmth to any space.

This straight grain version pairs beautifully with the crown grain version for doors and frames.



KELLOGG 4802S

(STRAIGHT GRAIN)

Known as Black Oak, Kellogg is native to western North America. Found commonly in California, the tree itself plays a significant role in maintaining the balance of the eco-system.

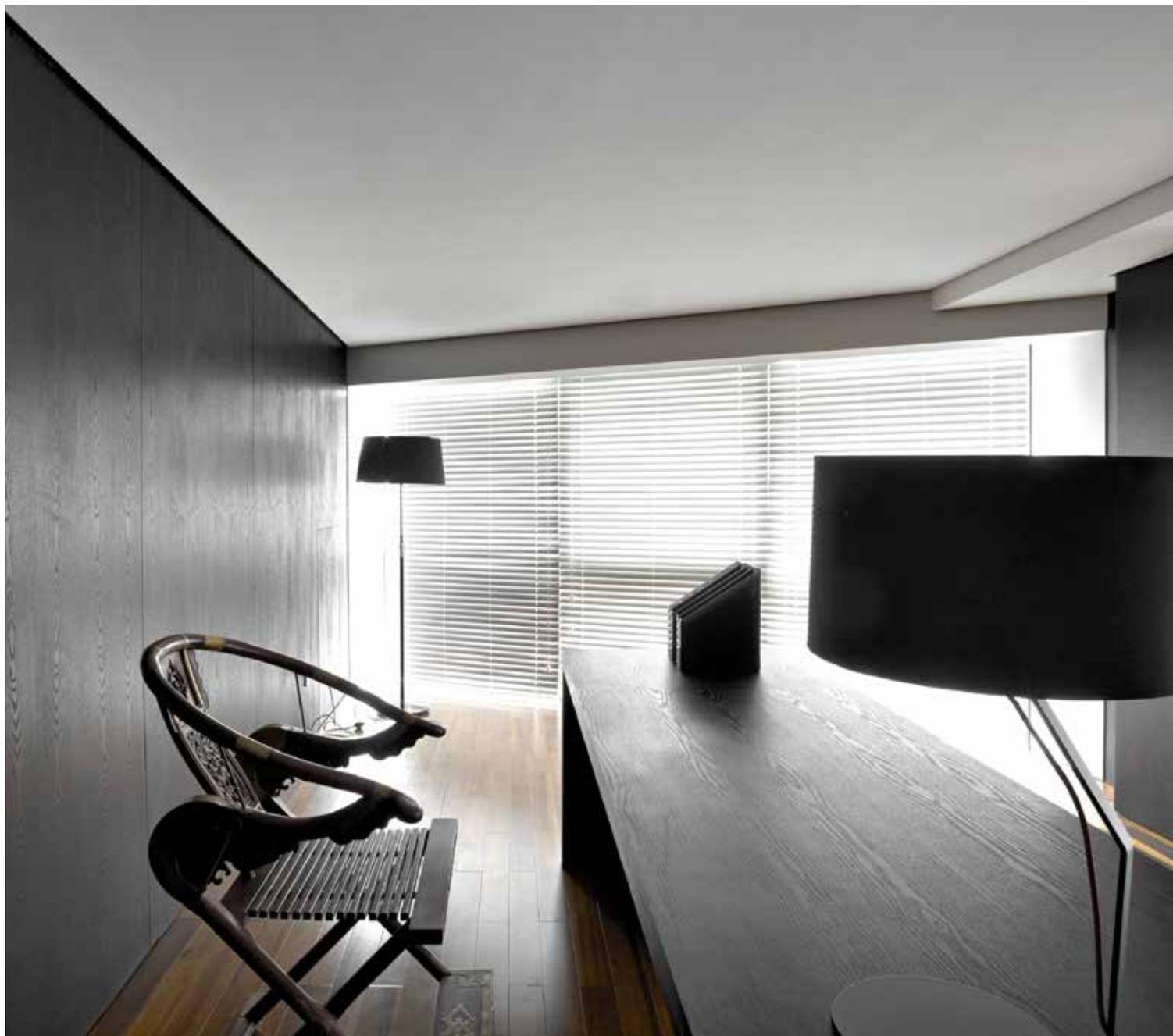
The charred look makes it great in plank form or as wooden grills. It is one of the few wood colours that can be used extensively throughout interior spaces.



FRAXINUS 4811C

[CROWN GRAIN]

Black Ash is commonly found in the northeastern region of the United States. The smoked look provides a strong contrast against teak wood floors or light-coloured marble. It gives an uncommon and unique depth to interior space.



FRAXINUS 4801S

(STRAIGHT GRAIN)

Black Ash is commonly found in the northeastern region of the United States. The smoked look provides a strong contrast against teak wood floors or light-coloured marble. It gives an uncommon and unique depth to interior space.

The straight grains in this variety make it great for cabinet doors. It's one of the few colours that can be used extensively throughout interior spaces.

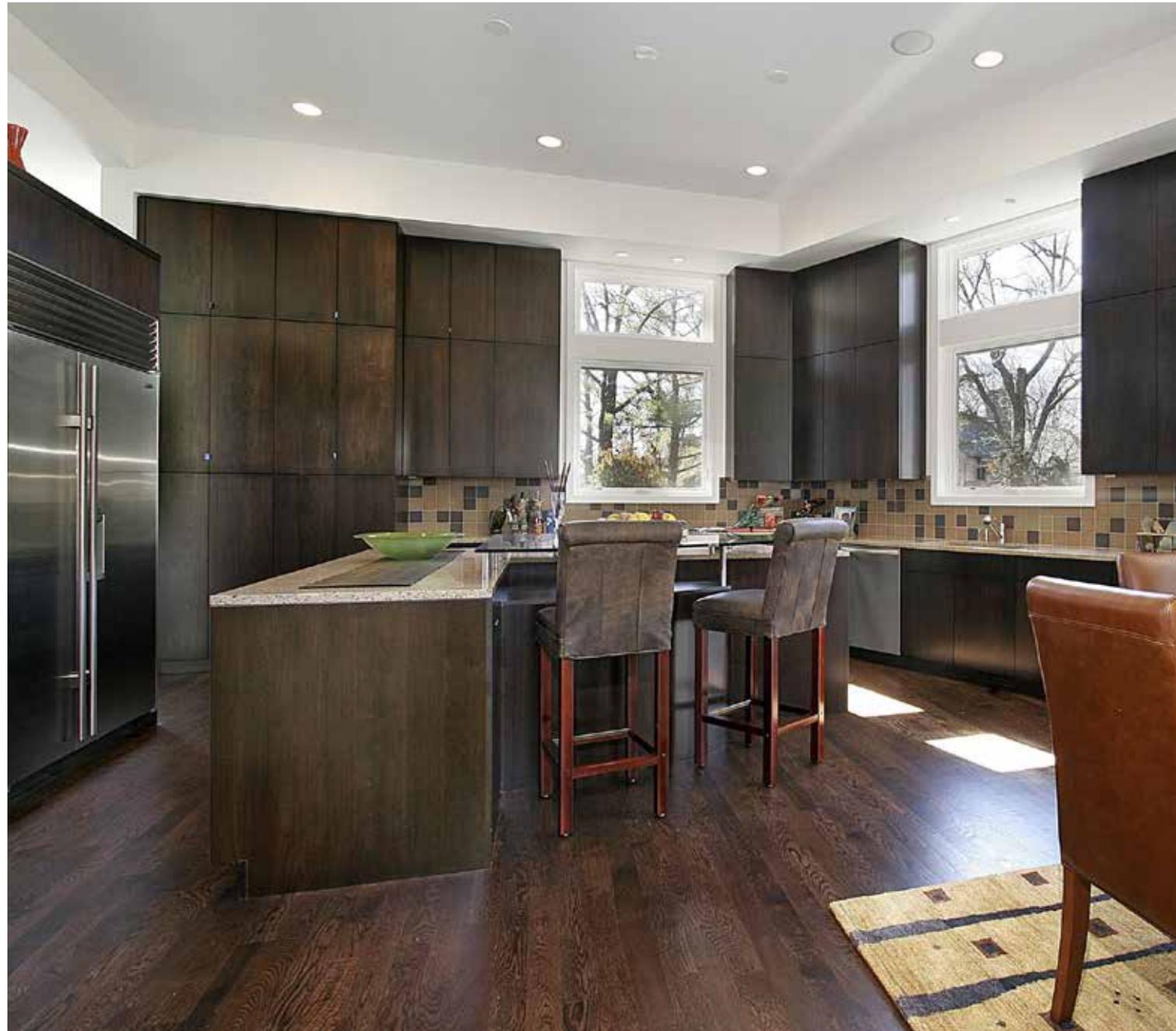


DIOSPYROS 4803S

(STRAIGHT GRAIN)

Ebony is one of the darkest wood species available. It also has one of the highest densities, which makes it perfect as a carving material. It is a wood native to South India and Sri Lanka.

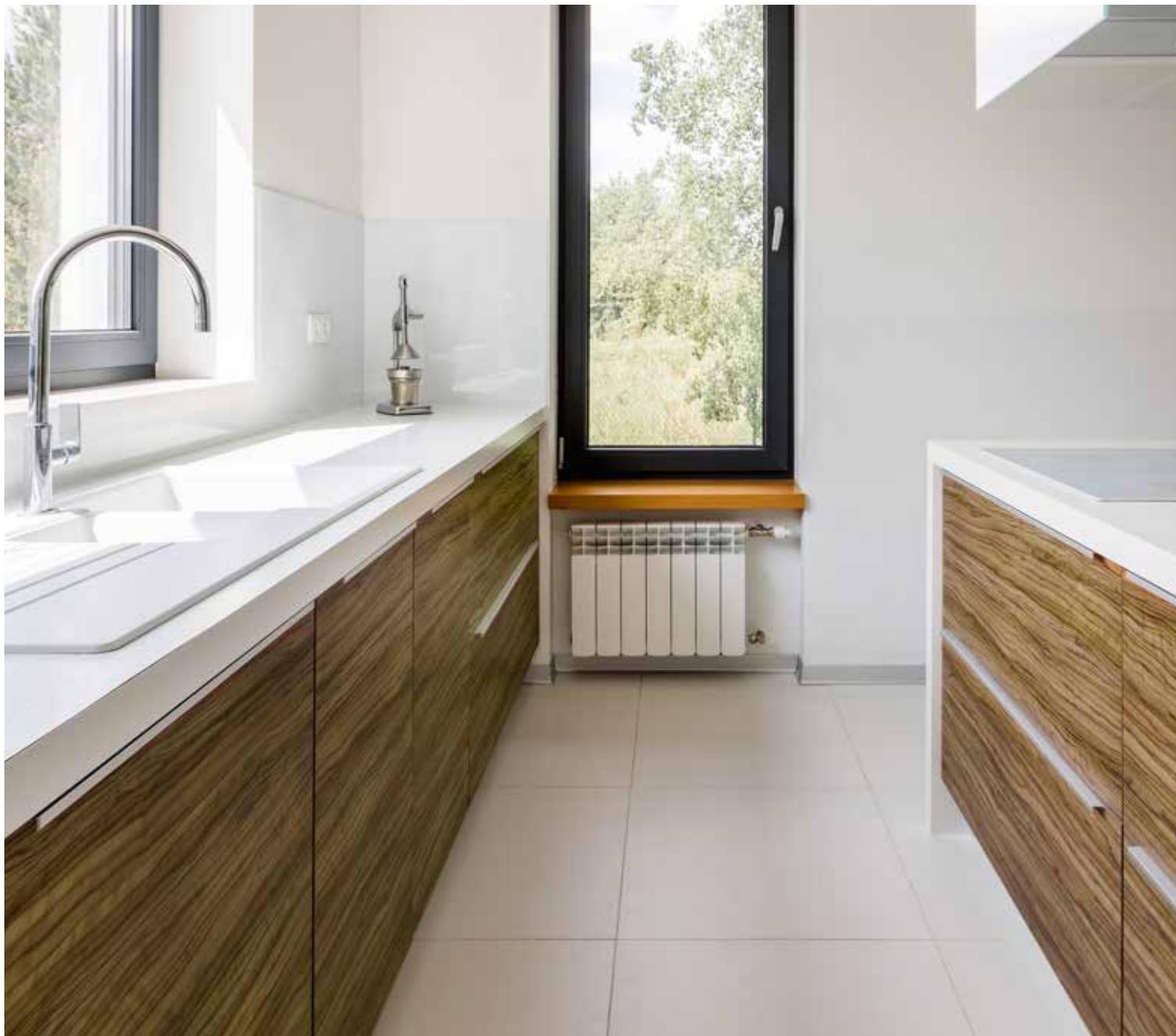
Used only for exquisite interior spaces and known to be one of the most priciest wood today, this is suitable for small furniture pieces.



CALIFORNICA 2712C (RANDOM GRAIN)

California Black Walnut is special because of its varying colour tones with mild green hues.

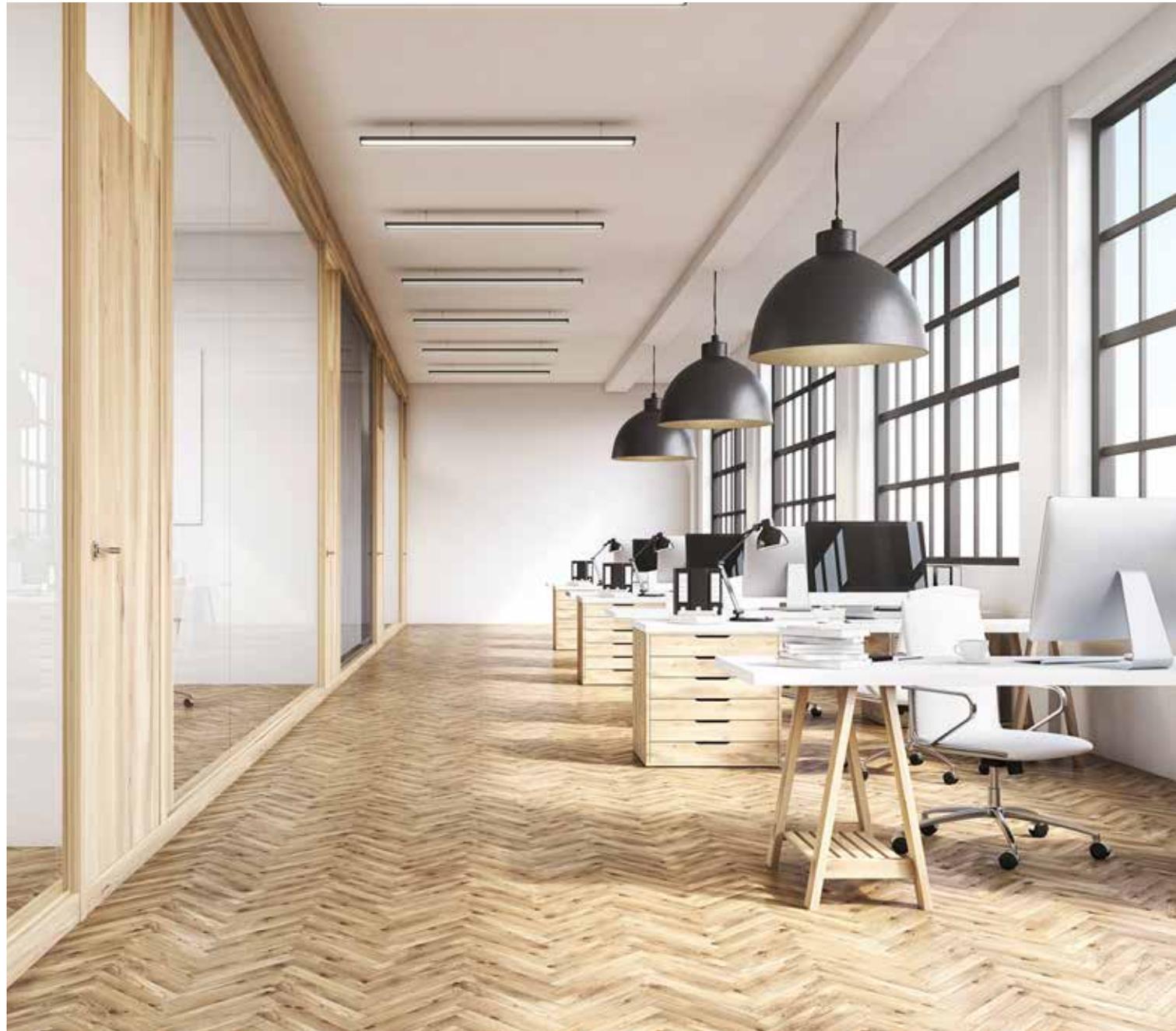
This can be used extensively throughout interior spaces. The random grains are perfect in a feature wall and on small furniture pieces.



CERRIS 1612C (RANDOM GRAIN)

A native oak species of Turkey, Cerris also referred to as American Oak. Strangely, it grows on sandy soil with poor conditions. A highly resilient wood species that grows in the worst conditions you can imagine.

The random grains on this light pale wood make it suitable for full wall panelling or flooring. It is one of the best oak colours and grains.

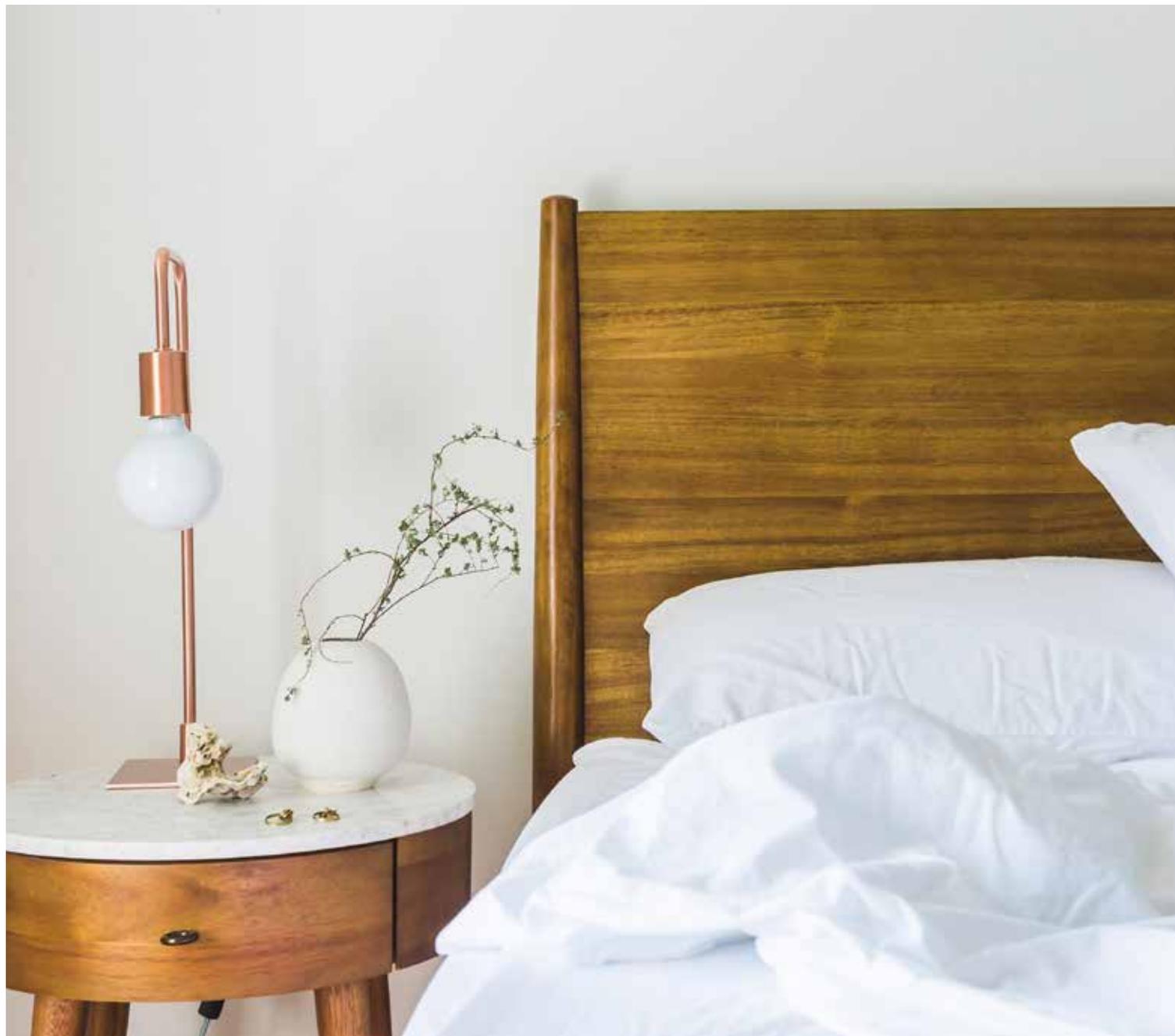


BELLARINE 7711C

(CROWN GRAIN)

Bellarine is a threatened sub-species of Yellow Gum because it has been logged to extinction, so any yellow gum furniture pieces you see today are actually circulated instead of logged. The beauty of this wood surpasses most wood species — as if nature provided a 3D solution to wood.

It looks stunning on conference tables or coffee tables. It also lends an exquisite look to wall panels.



LAURENTI 4804S (FINE GRAIN)

Wenge is a species native to the Democratic Republic of Congo and is listed as an endangered wood species. This can be used extensively throughout many interior spaces. Its dark, fine grains look handsome on cabinets for a discreet feel.



OLEA 1802S

(FINE GRAIN)

Found commonly in the Mediterranean region, the olive tree is largely known for its fruit. The mild green hues lend a Mediterranean feel, making it ideal for beach resorts and apartments, especially on a bench or kitchen cabinet.





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