



CUBEFLEX

# CUBEFLEX 2021 CATALOGUE

# CUBEFLEX

## FLEXIBILITY IN EVERY PIECES

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 solution, 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 a continuous and sustainable cultivation for future generations and their spaces.



# OUR 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 Building Council, and are FSC certified with ISO 14000 and ISO 9001 in China.

# GENERAL REQUIREMENTS

CHARACTERISTIC	REQUIREMENT ACCORDING TO BS EN 438	UNIT (MAX or MIN)	RESULT	COMPLIES
Squareness of edges	N.A		<sup>a</sup> max = 0.05mm	Yes
Straightness of edges	N.A		<sup>s</sup> 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	3	Yes
Dimensional stability at elevated temperature	0.55	%maxL	<sup>9</sup> laverage= 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	≥ 1	Time to blister(s)	≥60	Yes

# FORMABILITY

SAMPLE REFERENCE	VENEER WOOD		
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 discolouration	No blistering, delamination and discolouration	No blistering, delamination and discolouration

# TEST REPORT

**SUBJECT:** Antimicrobial test of 'veneer' samples.

**TEST METHOD:** JIS Z 2801 : 2010

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

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



Noir 4601S



Blanche 1101S



La Rena 6611C

NEW SELECTION



# 28 SELECTIONS AVAILABLE



Tectona 6701S



Quercus 1611C



Quercus 1602S



Casuarina 1601S



Lithocarpus 1811C



Lithocarpus 1801S



Grevillea 1701S



Dalbergia 7811C



Juglans 2711C



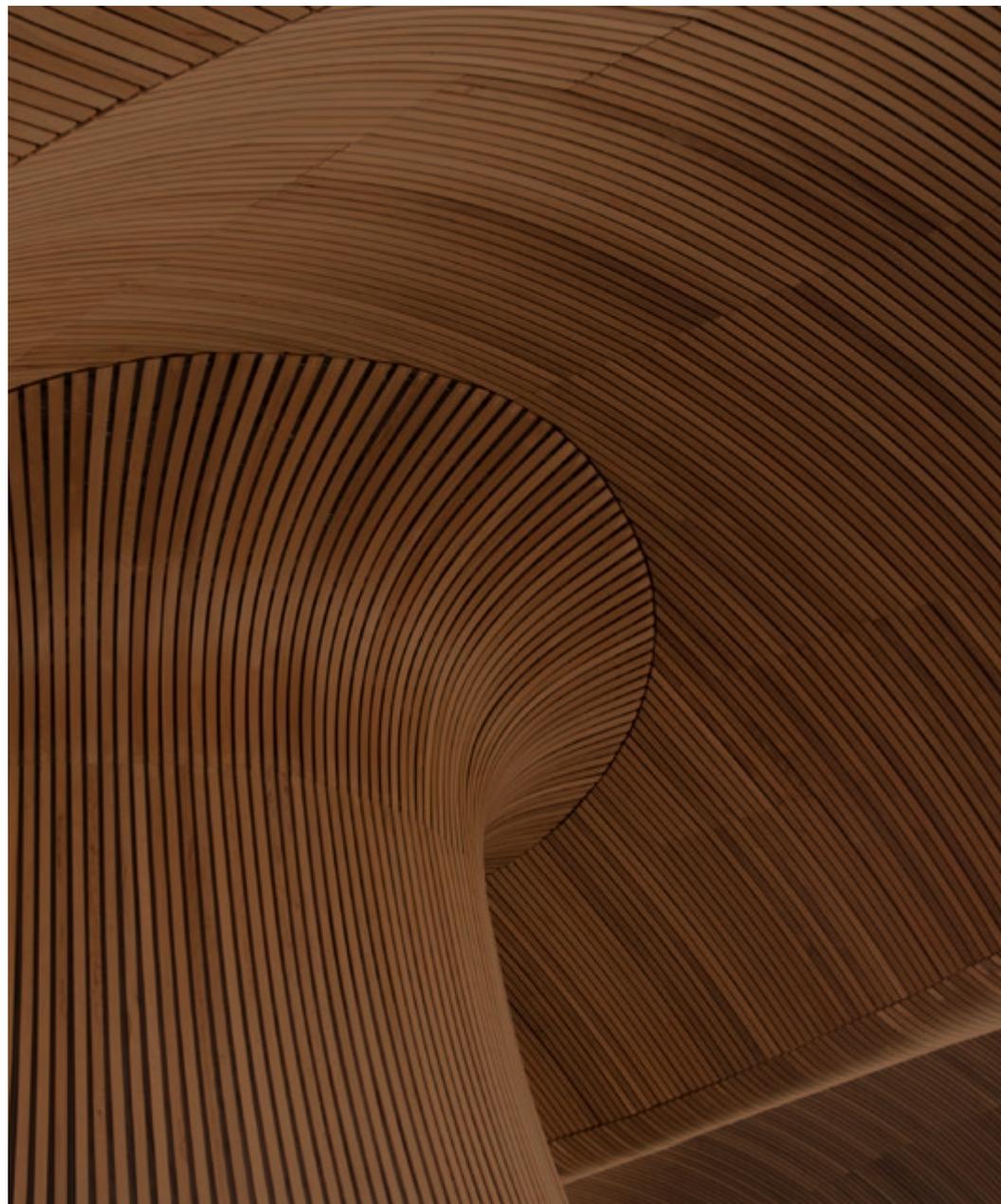
Juglans 2701S



Acer 8611C



Acer 8601S



\* Click on the colour to go to the page directly.



# 28 SELECTIONS AVAILABLE



Fraxinus 4811C



Fraxinus 4801S



California 2712C



Cerris 1612C



Ballerina 7711C



45 Parallel 1711C



45 Parallel 1702S



Kellogg 4802S



Diospyros 4803S



Laurenti 4804S



Olea 1802S



Grandis 2911S



Astronium 9701S

\* Click on the colour to go to the page directly.



# NOIR 4601S

Pronounced as 'noh-ah', the natural black wood finish adds a sense of mystery to the interior, just like the French word.

This classic design is versatile, and can be mixed with other materials or designs which adds a charming character to the interior.

Noir 4601S



## BLANCHE 1101S

The classic white oak brings out the best in simplistic design. As graceful as its name suggests, Blanche adds a delicate touch to the space.

With its shimmering white finish, Blanche enhances the most plain looking furniture.



Blanche 1101S

# LA RENA 6611C

La Rena - or 'the sand' in Italian - is from the fine selection of cherry wood.

The pinkish-brown hardwood of the cherry wood brings a soft feel to the interior. When paired with bold furniture, it creates an alluring contrast to the outlook.



La Rena 6611C



# TECTONA 6701S

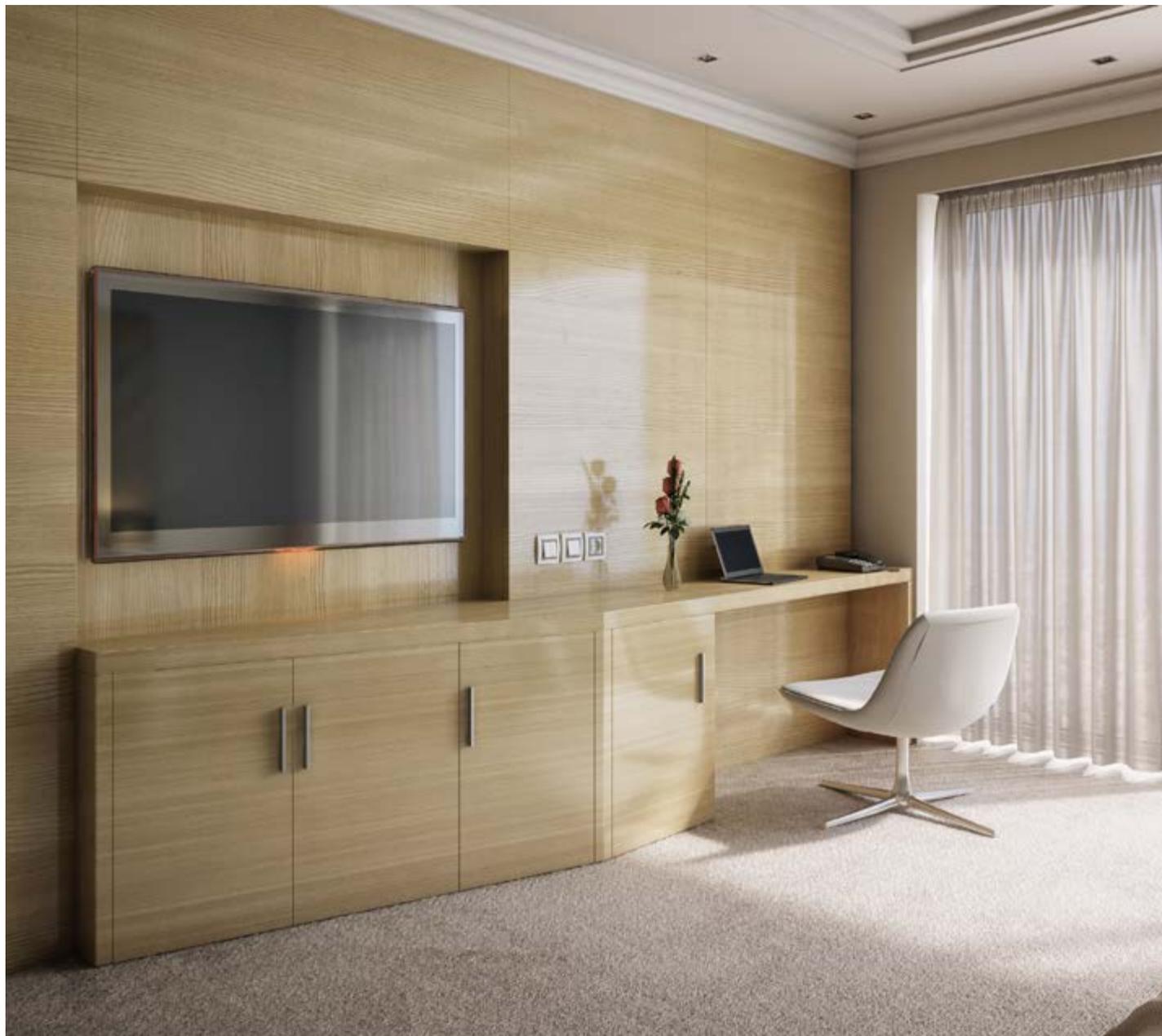
Tectona is derived from teak, which is one of the jewels that Southeast Asia produces. The wood is widely used even today for structural support due to its high density and resistance to wear and tear.

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.



Tectona 6701S





Quercus 1611C



Quercus 1602S

## QUERCUS 1611C & 1601S

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.

# CASUARINA 1601S

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.



Casuarina 1601S

# LITHOCARPUS 1811C & 1801S

This Stone Oak derivative can usually be found in East and Southeast Asia. The direct Greek translation for "litho" is stone, this wood 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 panels on walls or ceilings, as it gives a nostalgic flavour to any interior.



Lithocarpus 1811C



Lithocarpus 1801S





# GREVILLEA 1701S

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 laid back appeal. It is suitable for ceiling and wall panelling in achieving a light-hearted touch to any interior space planning.



Grevillea 1701S

# JUGLANS

## 2711C & 2701S

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 interior design, it is suitable for wall paneling and furniture surface.



Juglans 2711C



Juglans 2701S





# DALBERGIA 7811C

Rosewood has a fragrance which is how it got its name. This wood species is 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.



Dalbergia 7811C



Acer 8611C



Acer 8601S

## ACER 8611C & 8601S

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. This colour is also one of the few wood species commonly used in Japanese-themed designs.



# 45 PARALLEL 1711C & 1702S

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 1711C



45 Parallel 1702S

# KELLOGG 4802S

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



Kellogg 4802S



# FRAXINUS 4811C & 4801S

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 grains in this variety makes it one of the few colours that can be used extensively throughout interior spaces.



Fraxinus 4811C



Fraxinus 4801S

# DIOSPYROS 4803S

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.



Diospyros 4803S





California 2712C

## CALIFORNICA 2712C

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



Cerris 1612C

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.



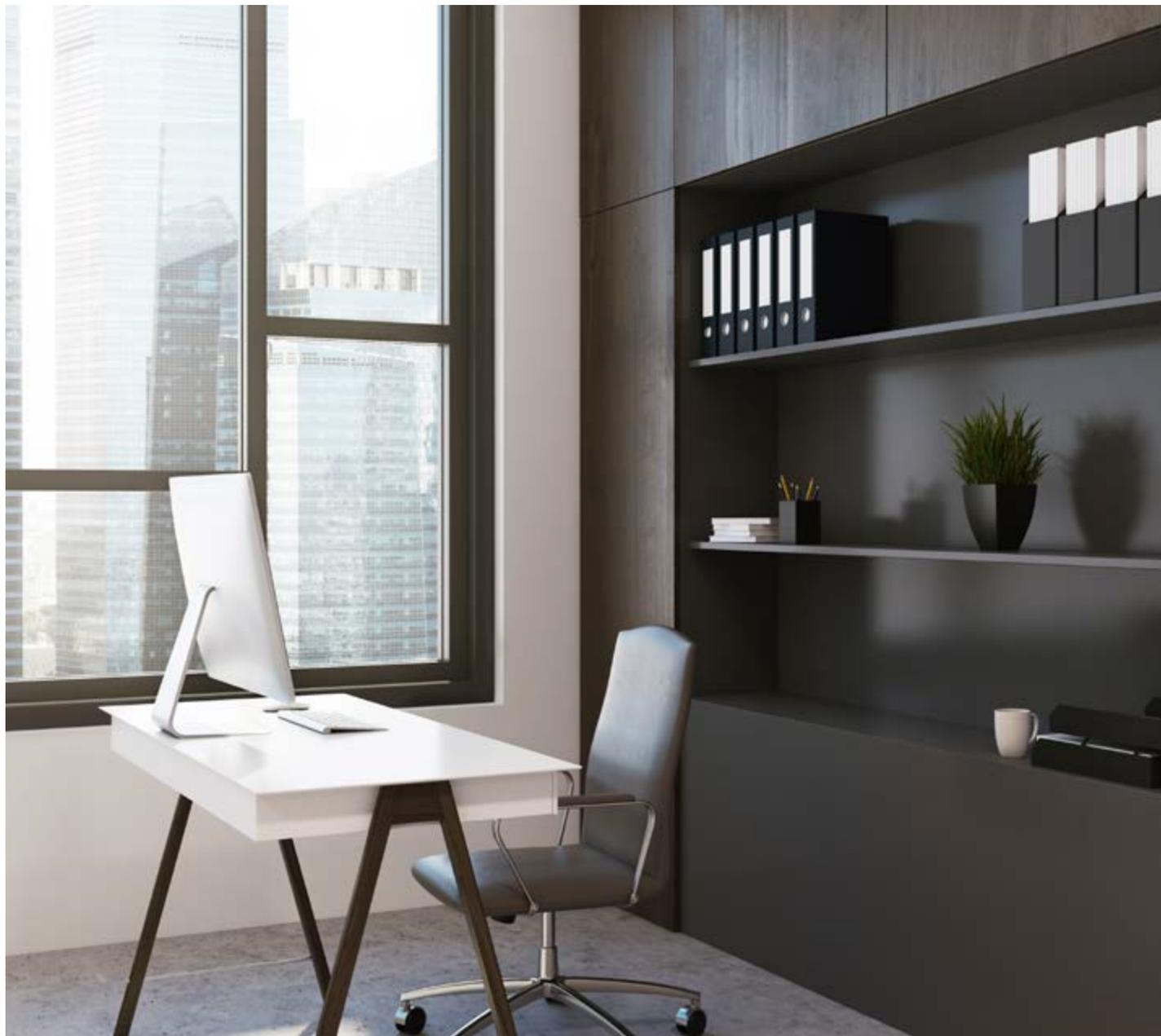
# BELLARINE 7711C

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.



Ballerina 7711C



## LAURENTI 4804S

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 discreet feel.



Laurenti 4804S

# OLEA 1802S

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.



Olea 1802S





## GRANDIS 2911S

Grandis is derived from teak, which is a widely used material often seen on interior surfaces and furniture. Matured teak creates a silvery-grey finish, adding an interesting cool tone to the outlook of the applied area.



Grandis 2911S

# ASTRONIUM 9701S

Also known as Zebrawood, Astronium is found in Central America. The wood was once thought to be wood from heaven as suggested by its Scientific name Astro, which commonly means celestial stars.

The exotic wood grain and colours primes interior finishes with a sense of luxury and style. Its simplicity is made from a complex engineering process.



Astronium 9701S





CUBEFLEX



## Cubeflex. Flexibility in Every Pieces.

Not your average wood veneers, Cubeflex is enhanced to be effortlessly flexible and durable. All these made possible while sourced responsibly with environmentally friendly methods.

Achieving the best properties of both a laminate and traditional wood veneers, Cubeflex brings a new meaning to treated wood veneers.



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