

The future
of design
starts here

belfipa®

PREFINISHED VENEER PANELS



belfipa®

REFINISHED VENEER PANELS

Belfipa has been introduced as an answer to the challenges designers face when using wood in their interiors. The collection is made by **Decospan**, which is the European market leader in wood veneer processing. They have 40 years of experience in delivering the best wood solutions for interiors, and understand the latest requirements that designers impose when working with natural products.

As a group of young and dynamic interior designers, we, the **Genius Architects**, are always looking for innovative and trendy products. And of course we love to work with wood!

However, we've always struggled with specifying wood to match the desired look and feel, which is why we created the Belfipa collection in collaboration with Decospan. We believe it is the perfect solution for creative studios like ours and yours.





#THE GENIUS ARCHITECTS

04.

“
IF YOU THINK
GOOD DESIGN
IS EXPENSIVE
YOU SHOULD
LOOK AT THE COST
OF BAD DESIGN

- DR. RALF SPETH, CEO, JAGUAR





Luna
Oak

Embrace real wood!

One of our primary concerns is the touch and feel of the products we are using. Although there are plenty alternatives with a fake melamine wood look, nothing beats the natural charm of real wood!

Real wood comes with its character and typical wood grain, making each panel unique. This gives a warm and luxurious feeling to the interiors we design.



*Made in
Belgium*



06.



Steve
Oak



07.

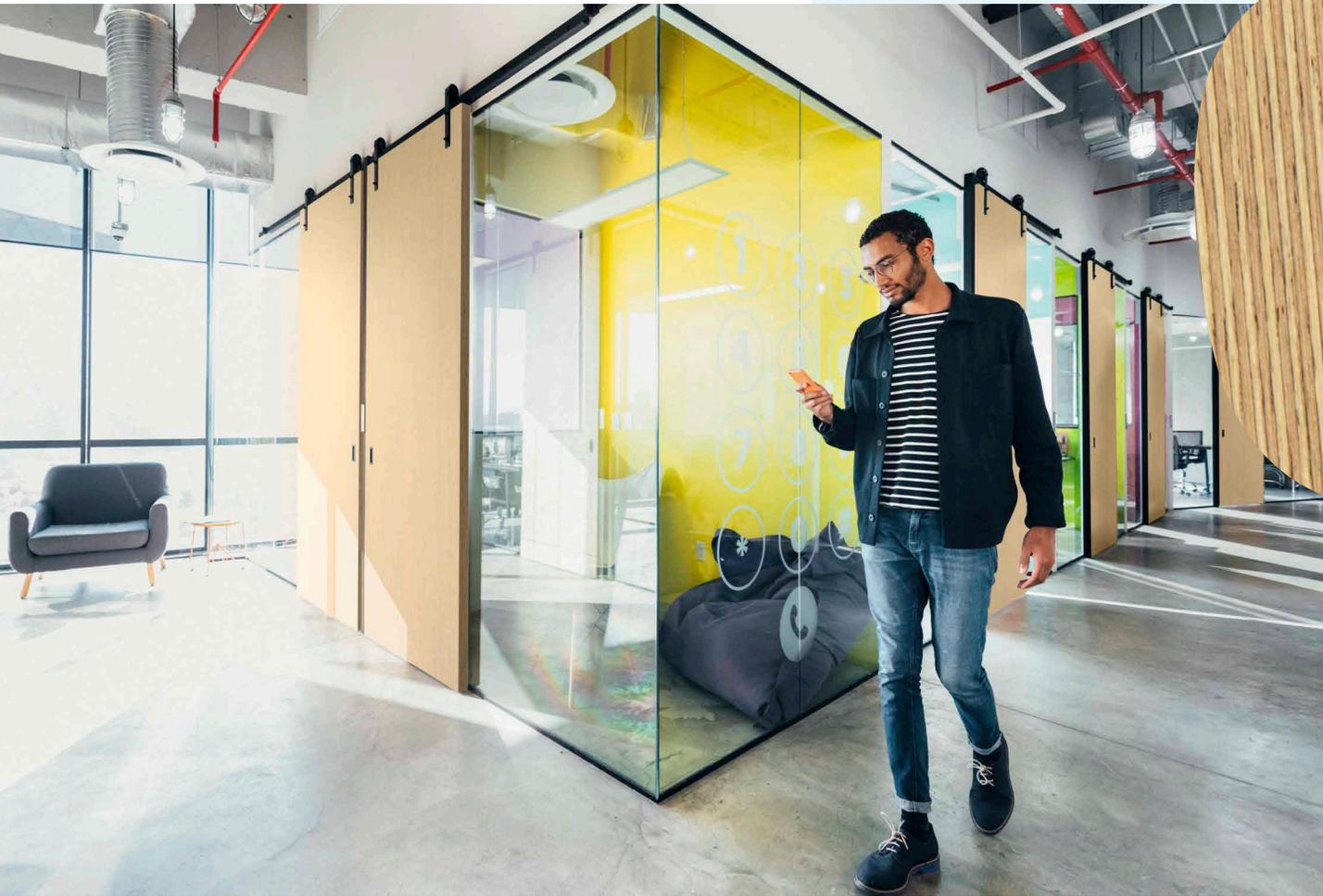
Colour consistency !

Every designers nightmare, or at least mine, is when a finished project doesn't feel coherent. Our clients require each wood veneered panel to flow into the other one to generate consistency.

This is why the raw veneers for Belfipa are graded by quality and colour, to achieve a coherent outcome, without losing the natural characters of wood.



08.





Lewis
Birch

Suitable for commercial, office,
residential & hospitality projects



10.

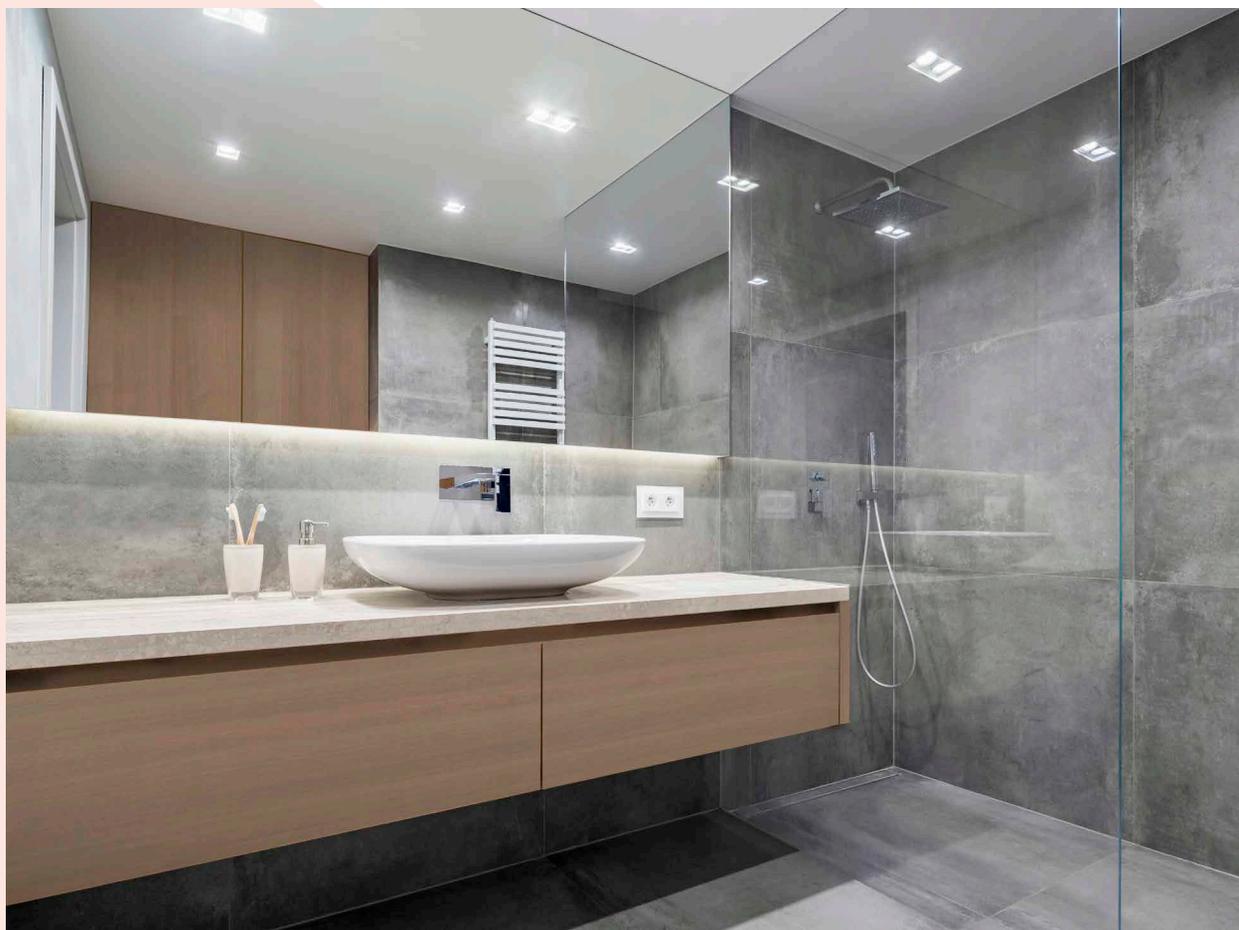


Emma
Walnut

As designers, we face strict deadlines and timing is very important. We just can't afford to lose too much time with complex industrial processes when requiring wood products. Ideally, we want to work with one single company, from grading over jointing the veneers, and finally pressing the layons onto boards of our choice.

The prefinished panels of Decospan's Belfipa collection are a true solution because they can be processed immediately without further treatment on site.

Ready to use !



12.



SIMON
INTERIOR DESIGNER @ THE GENIUS
LOVES THE SWEDISH NATURAL LOOK

Mix-match is a must !





Simon
Oak

The innovative veneer mix-match jointing technique of Decospan's Belfipa comes with numerous advantages over traditional repetitive processes. In mix-matching, veneer strips are jointed randomly into one sheet. All strips come from different trees of the same species and are mostly quarter cut. Thanks to this process, each panel is different and yet matching for a homogeneous appearance.

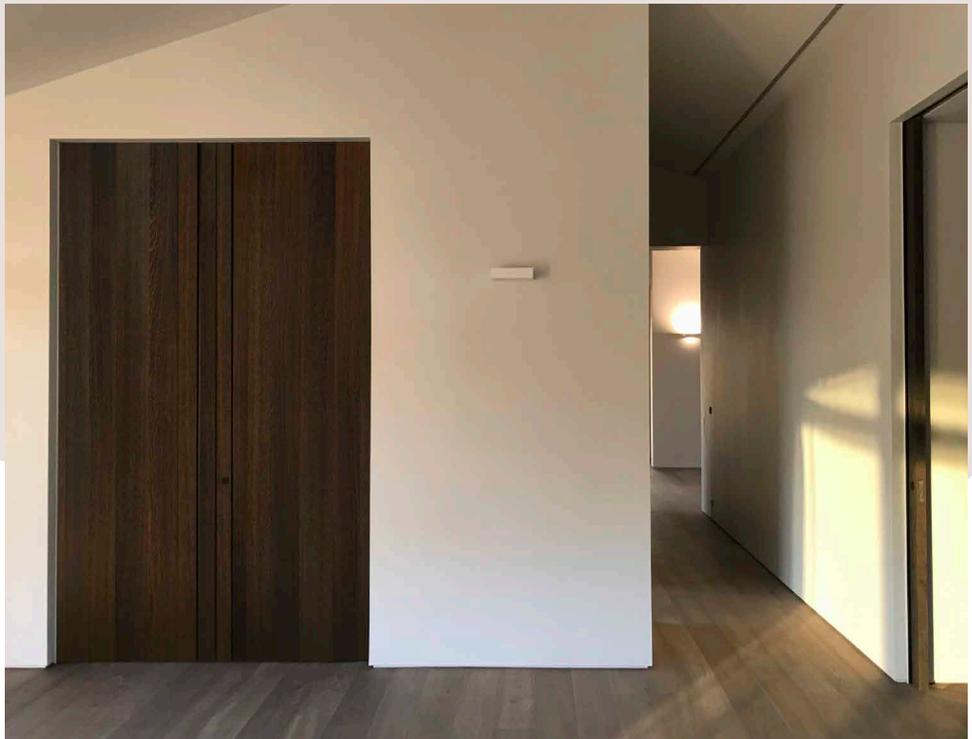
14.



NINA
INTERIOR DESIGNER @ THE GENIUS
IS IN LOVE WITH SMOKED OAK

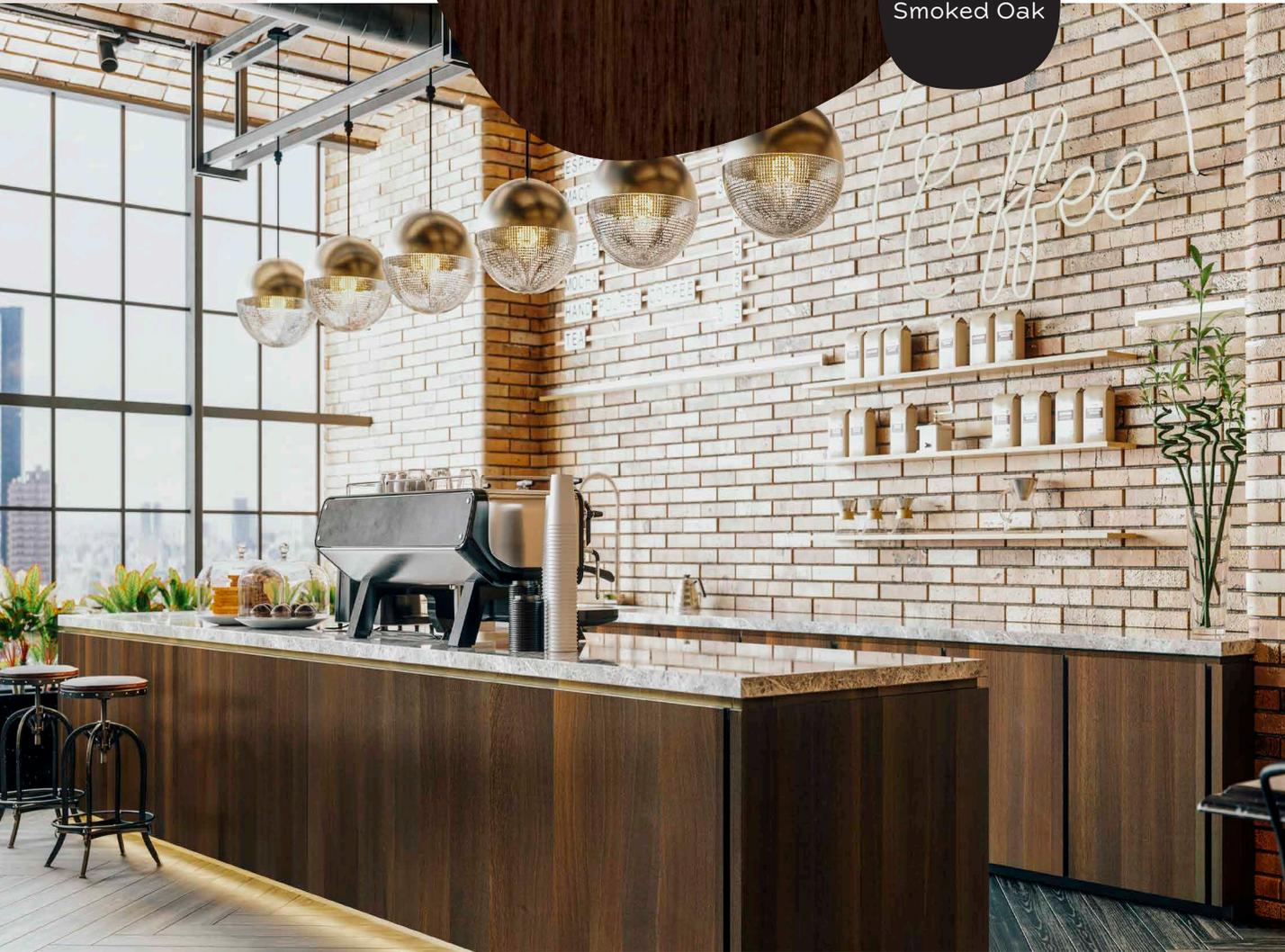
Affordable !

With Belfipa, we achieved the right balance of a stylish outcome at an affordable price. It has been our goal to come up with a collection suitable for all designers who love to use real wood and value high quality.



15.

Nina
Smoked Oak



16.



Matching edging !

We care about the details! That's why we think that the edge banding should match with the prefinished veneered panels that we specify. Furthermore, the edge banding is stained and lacquered, just like the panels! And for the easiest processing, we offer Belfipa edge banding on rolls to allow for automated application.



Julie
Oak

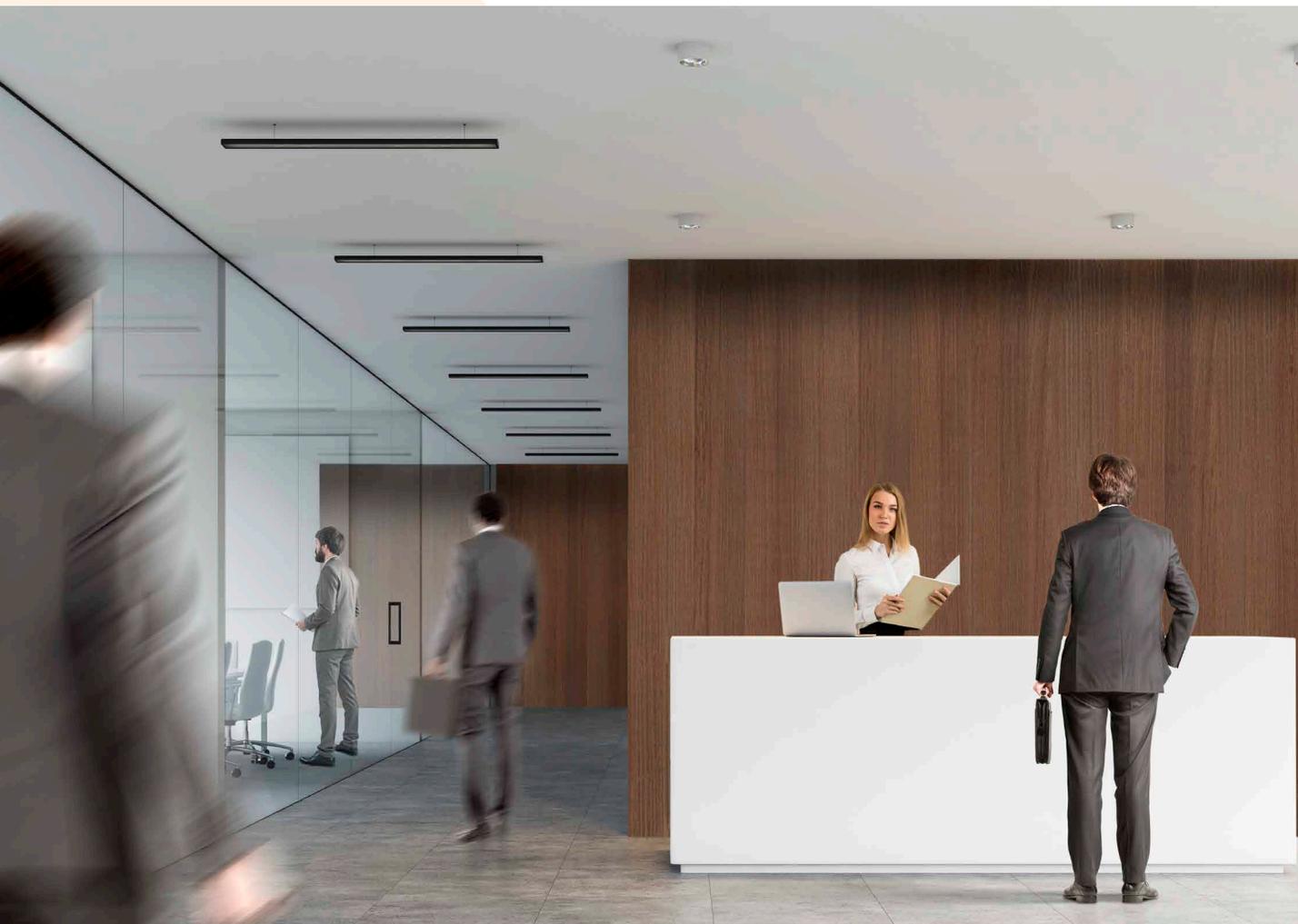


Max
Eucalyptus

What you see
is what you get !



We all know the disappointment when a project does not turn out as initially designed. With their industrial colouring technique and high-quality UV-lacquering, Decospan was the only company that could truly meet my expectations. Just genius!



#THE GENIUS ARCHITECTS

belfipa®

PREFINISHED VENEER PANELS



*Made in
Belgium*

- Real wood veneer, no imitation
- Prefinished surface with high quality UV lacquer, requiring no further treatment
- Industrial colouring technique
- Protective foil on both sides avoiding scratches during transport and while processing on site
- Complete range of panels with matching edge bandings
- Pronounced wood grain and structure
- Easy to clean

8 designs – ready to use



Lewis Birch



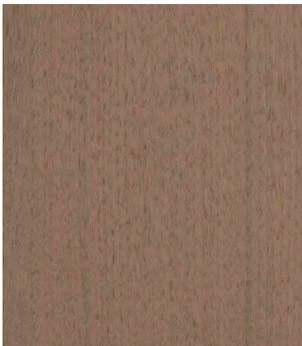
Luna Oak



Simon Oak



Julie Oak



Emma Walnut



Steve Oak



Max Eucalyptus

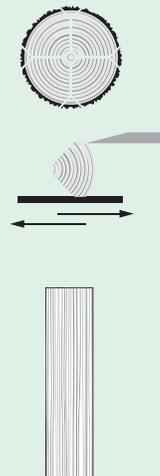


Nina Smoked Oak

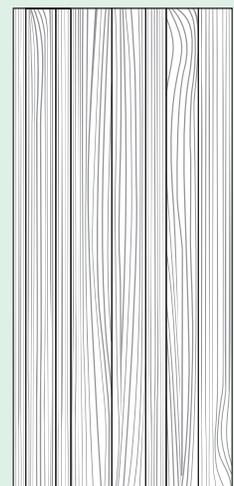
THE SELECTED JOINTING TECHNIQUE IS THE MAIN FACTOR IN THE LOOK AND FEEL OF YOUR PROJECT.

Mix-matched is literally what it says: mixing and matching. The veneer strips are jointed randomly with variations in colour and structure, creating an interesting yet cohesive effect. Mix-matched is the veneer alternative for the plank effect of solid wood. The Belfipa collection brings forward a mix of mostly quarter cut veneers.

QUARTER CUT



MIX-MATCHED





		PANELS		EDGE BANDING
Dimensions		2440 x 1220 mm		24 mm x 100 m/roll
Thickness		19 mm for kitchens, wardrobes,...	7 mm for wall applications	0,6 mm
	Lewis Birch	B-PA2S19-01	B-PA1S07-01	B-ED24-01
	Luna Oak	B-PA2S19-02	B-PA1S07-02	B-ED24-02
	Simon Oak	B-PA2S19-03	B-PA1S07-03	B-ED24-03
	Julie Oak	B-PA2S19-04	B-PA1S07-04	B-ED24-04
	Emma Walnut	B-PA2S19-05	B-PA1S07-05	B-ED24-05
	Steve Oak	B-PA2S19-06	B-PA1S07-06	B-ED24-06
	Max Eucalyptus	B-PA2S19-07	B-PA1S07-07	B-ED24-07
	Nina Smoked Oak	B-PA2S19-08	B-PA1S07-08	B-ED24-08
Construction	Front	Veneer A quality Mixmatch quarter cut Stained + lacquered Foil	Veneer A quality Mixmatch quarter cut Stained + lacquered Foil	Veneer Stained + lacquered
	Core	MDF	MDF	-
	Backing	Veneer B+ quality Mixmatch quarter cut Stained + lacquered Foil	Veneer backing quality with basecoat lacquered	-

DECOSPAN®

Wood Solutions

Who are we ?

Belfipa is a product of Decospan. Our company develops, produces and markets wood products, respecting people and planet. Our state-of-the-art production plant in Menen is built with one clear philosophy: we strive to bring the best products to the market and provide our customer with maximum support and an excellent service.


*Made in
Belgium*



8

Production sites



750

Employees



165

Woodspecies



15M

m² stock



13000

Panels per day

24.

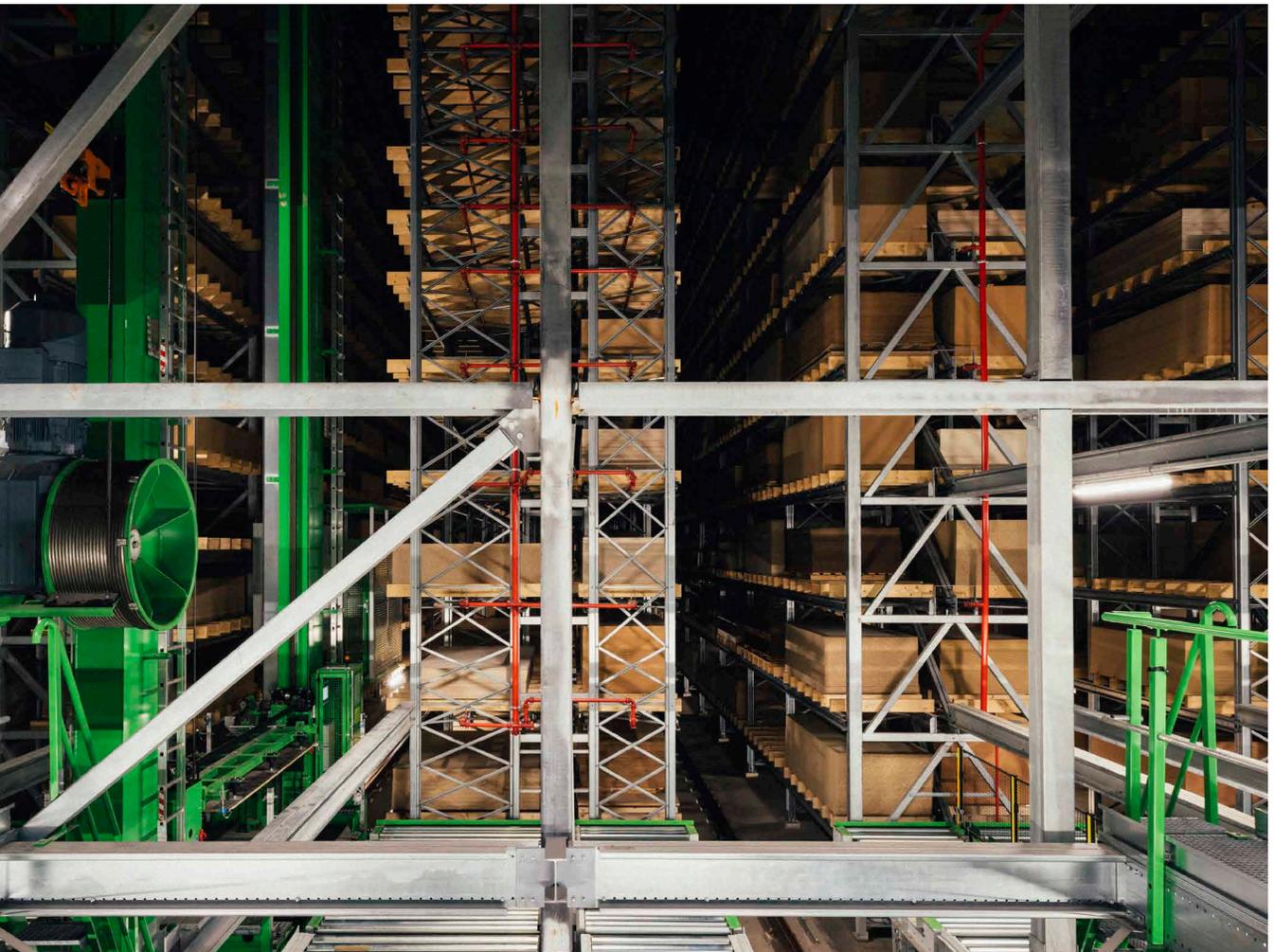


We orient ourselves for the long term and use sustainable business practices based on family values.

We have been building knowledge for three generations, and our employees are focused on continuous improvement. This way we built a unique market advantage: an unseen combination of craft and high-tech production techniques. That makes Decospan a strong and reliable partner for your business.



Our highrise racking warehouse is the heart of the company. All operations are organized around this intelligent treasure room, which enhances our flexibility and service.



Year of construction
2018



Dimensions
102 x 35 x 35 m



6 cranes with an own weight of 40 tons
Energy recovery during braking and lowering



8000
pallet positions



Fully sprinkled
and conditioned



Intelligent
control system

26. Technical information

DESCRIPTION

Immediately processable veneer panels, without the need for additional treatments. The surface is brushed, stained and lacquered, requiring no additional operations. Available in a range of 8 different designs, carefully chosen and widely applicable in various interior styles. Thanks to the unique mix-match technique where veneers from different trees are randomly jointed, the final product is a high quality and stable panel which can be used for common applications such as cabinetry, dressings, fixed furniture, wall decoration, hotel closets, etc... Please note that Belfipa panels are only suited for interior applications. Belfipa panels are not suitable for horizontal use in kitchens, bathrooms or similar humid areas and also heavily used surfaces should be avoided.

TECHNICAL DETAILS

PANELS

Sizes:

Belfipa panels are available in two sizes:

- MDF 2440x1220x19 mm (for cabinetry)
- MDF 2440x1220x7 mm (for wall applications where the backing is never visible)

These are indicative industrial sizes, without guarantee of perpendicularity.

Composition:

Belfipa panels are composed of a top layer of real wood which is mainly quarter cut veneer of 0,6mm, mix-match jointed and pressed on an MDF core. The surface is stained and lacquered with UV-cured industrial lacquer, applied sequentially by means of a rolling technique and intermediate curing. Each panel has a backing layer of veneer for stability. The Belfipa panels of 19mm have a backing of inferior veneer which is also stained and lacquered to ensure a reasonably match with the front side. The Belfipa panels of 7mm have a backing veneer without any aesthetic value which only serves as a stabilizer. It is however finished with a basis protective coat for basic protection purposes against mild moisture.

Bonding:

The HPLT-press procedure used by Decospan (High Pressure Low Temperature) guarantees the best quality for each panel. The bonding is done according to the DSI-method, which ensures complete saturation of the wood fibers and tightens the top layer to a large extent. More details about our pressing techniques is available upon request.

Finishing:

The wood is stained with water-based colourants and protected with six layers ultra-low emitting acrylate urethane UV-cured varnish (99.5% solids), applied sequentially by means of a rolling technique and intermediate curing. Final gloss rate: 10% (matt). The finishing techniques used for

Belfipa result in a pleasant feel and qualitative protection for the most common interior applications, with a few exceptions (see description).

Protection:

- 19 mm panels: removable transparent protective foil on both sides
- 7 mm panels: removable transparent protective foil on the front side, no foil on the back side.

Packaging:

- 25 panels per pack - cardboard cover
- 19 mm panels: approximate dimensions per pallet = 2500x1240x625 mm, approximate weight per pack: 810 kg.
- 7 mm panels: approximate dimensions per pack = 2500x1240x325 mm, approximate weight per pack: 395 kg.

EDGE BANDING

Prefinished matching real wood edge banding for each design. Rolls of 100 m, 24mm high, not pre-glued.

STORAGE, HANDLING & PROCESSING

It is advisable to keep Belfipa panels in a dry place with a constant temperature of at least 18°C and maintain a constant relative humidity between 50% and 60%. The products should be acclimatized for 7 days before processing. We recommend to store the panels horizontally. Avoid direct contact with the floor. The top layer of Belfipa panels is prefinished real wood veneer, which is likely to discolour over time. Therefore, always store the goods in a dark place or cover the sheets so that they are not exposed to light. Be aware of the sharp edges when manipulating the boards.

MAINTENANCE TIPS

Belfipa panels are easy to maintain. Normal maintenance involves no more than removing dust with a soft, dry cloth. A slightly damp cloth can also be used, but be careful not to use too much water. If liquids are spilled, it is recommended to clean off immediately to avoid damp patches or similar permanent damage. Occasionally, but certainly not always, a small amount of mild cleaning agent can be mixed with some water. Never use a cleaner based on acetone or ethyl butyl acetate; these substances can leave marks that cannot be removed. Never try to renovate the surface with wax, varnish, oil or other similar products. An additional protective layer cannot be applied by yourself but inquire with Decospan about any alternative protection techniques we can offer.



	Test method		
GENERAL PROPERTIES			
Dimensions	EN 14354	2440 x 1220 x 19 mm	2440 x 1220 x 7 mm
Thickness of the top layer	EN 14354	0,6 mm	0,6 mm
Deviation of thickness	EN 14354	≤ 0,5 mm	≤ 0,5 mm
Deviation of squareness	EN 324-2	± 2 mm/m	± 2 mm/m
Cup in width direction	EN 14354	2 %	2 %
Flatness deviation	EN 14354	3 %	3 %
Internal bond	EN 319	0,7 N/mm ²	0,7 N/mm ²
Veneer gluing adhesion	EN 204/205	≥ 1 N/mm ²	≥ 1 N/mm ²
Density	EN 323/EN672	570 kg/m ³	720 kg/m ³
Layer thickness varnish	EN ISO 2808	± 55 µm	± 55 µm
Moisture content	EN 322	5 % - 9 %	5 % - 9 %
CLASSIFICATION PROPERTIES			
Resistance to chemical agents	EN 423/part 2	class 4	class 4
Resistance to hot liquids	EN 12720	class 5*	class 5*
Resistance to cold liquids: foodstuffs	EN 12720	class 5*	class 5*
Resistance to cold liquids: household products - detergents, cleaning agents, disinfectants - acetone, ethyl butyl acetate, black ink, black pen	EN 12720	class 5* class 2*	class 5* class 2*
ADDITIONAL PROPERTIES			
Appearance of the lacquer	EN 438/2-5	ok	ok
Gloss	EN 2813	10 % ± 3 %	10 % ± 3 %
Hardness of the lacquer	DIN 53154	1,5 N	1,5 N
Impact resistance acc. to Wegner	EN 438-2/11	≥ 2N	≥ 2N
Elasticity of the lacquer	CEN/TC112 (Brinell)	2 Hb	2 Hb
Colour fastness	EN 105-B02	grade 6	grade 6
Colour stability	EN 15187	class 4	class 4
Reflectance	EN 13721	45	45
Burning cigarette	EN 438-2,18	class 3	class 3
Thermal resistance	EN 13986	0,16 m ² K/W	0,16 m ² K/W
Thermal conduction	EN 13986	0,11 W/mK	0,11 W/mK
Biological durability	EN 335	2	2
SAFETY PROPERTIES			
VOC loss	EN 664	< 2,1 %	< 2,1 %
Formaldehyde emission	E1 (EN 717-1)	E1	E1
Formaldehyde emission	E1 (EN 717-2)	E1	E1
Excudation of plasticizers	EN 665	< 1 %	< 1 %
PCP (pentachlorophenol)	CEN/TR 14823	< 5 %	< 5 %

The logo for belfipa is a black, rounded, irregular shape with a thin green line tracing its outline. The word "belfipa" is written in a white, lowercase, sans-serif font, with a registered trademark symbol (®) to the upper right of the 'a'.

belfipa®

PREFINISHED VENEER PANELS

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