

# REAL WOOD, REIMAGINED



## **INTRODUCTION 04**

## **VULCANUS 08**

*NASCAR Hall of Fame, North Carolina 10*

## **LOCKSTEP 12**

*Westsound Bank Headquarters, Washington 14*

## **AMICTUS 16**

*USS Arizona Memorial, Pearl Harbor, Hawaii 18*

*King's College, London 20*

*Mauna Kea Resort, Hawaii 22*

*Stanley Hall, UC Berkeley, California 24*

*San José International Airport, California 26*

*The Jupiter Country Club, Florida 28*

*Quinnipiac University Carl Hansen Student Center, Connecticut 30*

*Heaven Bent Ranch, Colorado 32*

*Falcon Wharf Luxury Apartments, London 34*

*Hills of Troy Community, Wisconsin 36*

*Quintiles Transnational Corporation Headquarters, North Carolina 38*

*The Royal Lahaina Resort, Hawaii 40*

*Complete Millwork Showroom, Wisconsin 42*

*Hank McCamish Pavillion, Georgia Tech, Georgia 44*

## **VENEER GALLERY 46**

## **MANUFACTURING FACILITY 48**

## **ENDURA 50**

# DESIGN WITHOUT COMPROMISE

A finished design doesn't appear from the first draft. Or the second. Or maybe even the first twenty. Your big idea is the result of painstaking decisions and a balancing act to meet code, support functionality and express your creative vision. With so much to consider, the last thing you want is to have to revisit the drawing board because trim finishing products don't live up to your inspiration.

Since 1946, we've been helping architects and builders dream big ideas and build them, with a wide array of precision-wrapped veneer building products for architectural and industrial applications.









# FORM, FUNCTION & ORIGINALITY

Every design requires some finesse and ingenuity to get it right. But getting every detail in line with your creative vision can be overbearing. So what could be better than having products engineered to the specs of your creation?

Decorative hardwood is no longer strung by the limits of solid woodworking. With veneer, it can go places previously exclusive to other materials, and as a result you can wrap support beams, soffits, piping, window blinds or any ornamental component with a polished hardwood coating.

# VULCANUS<sup>®</sup>

---

## **FIRE-RESISTANT PERFORMANCE.**

The Vulcanus door frame has hidden intumescent material that seals the frame to the door panel, and the frame to the wall stud in the event of a fire. This seals the room from smoke and prevents the need for an unsightly smoke gasket seal. Also included is an adjustable metal clip attachment system on the frame that allows for rough opening variations to simplify installation for single-rabbet or double-rabbet openings, as well as communicator frames.



Vulcanus

Fire-resistant performance.

# FAST, FURIOUS & FIRE-RATED

*Located in Charlotte, North Carolina, the NASCAR Hall of Fame is a destination for 75 million fans of this fast-paced sport. With over 150,000 square feet, the entertainment attraction boasts artifacts, interactive exhibits, a 278-seat theatre and the NASCAR Hall of Honor, along with a restaurant, retail outlet and broadcast studio*

Designed by Pei Cobb Freed & Partners, the NASCAR Hall of Fame captures the exciting spirit of America's most popular spectator sport. Among its attractions is a 278-seat theatre with a 64-foot curved projection screen for showing larger-than-life NASCAR films. With thousands of visitors expected each month, the facility needed to meet strict fire codes that required a wide array of fire-rated openings, including some 45-minute, 8-foot pairs.

The architects wanted Steamed European Beech frames to complement the doors and other interior millwork. For that, they turned to Endura and Florida-based Walker Brothers Millwork. Endura manufactured the frames by wrapping veneer to a fire-rated frame system. North Carolina-based Forest Millwork then installed the frames for the 19 openings quickly, using the frames' patented clip installation system.

Easy-to-install, certified fire-rated wood door frames — state-of-the-art technology for a state-of-the-art facility.





**PROJECT:** **NASCAR HALL OF FAME, CHARLOTTE, NORTH CAROLINA**

**CLIENT:** Walker Brothers Millwork and Forest Millwork, Inc.

**DETAILS:** New construction: 150,000 square foot museum with artifact displays, interactive exhibits and a state-of-the-art 278-seat theatre. Operated by Charlotte Regional Visitors Authority. \$160 million construction cost. 19 fire-rated (certified 45 minutes) wood door frames in European Beech.

**PRODUCT:** **FIRE-RATED WOOD DOOR FRAMES**

**CONSTRUCTION:** 45-minute certified door frame system with steamed European Beech veneer wrap

**FINISH:** Factory-applied, UV-cured, no-VOC clear top coat

**END USE:** 45-minute fire-rated openings, including some 8-foot pairs

**SUBSTRATE:** Patented design frame system incorporating intumescent

**VENEER:** Steamed European Beech





LockStep

Beautiful surfaces. Easy installation.

# LOCKSTEP

---

## **BEAUTIFUL SURFACES. EASY INSTALLATION.**

Hardwood has a timeless aesthetic for large panel displays and trim moldings. But obtaining a consistent finish from solid wood requires clever wood sourcing and craftsmanship — challenges that can make it difficult to stay within budget.

LockStep composite paneling makes installation a snap with its tongue and groove substrate. And because veneer is derived from clear-grade lumber, graining is symmetrical and organically beautiful.

## BANK APPROVED

*Westsound is located in Sequim, Washington, along the picturesque Strait of Juan de Fuca at the northern end of the Olympic Peninsula.*

When it comes to scrutinizing finances, you can count on banks to be thorough. This project was no exception. Architects for Washington's Westsound Bank specified warm, inviting cherry hardwood ceilings. Luckily, the contractor's construction superintendent recalled an ad he'd seen for wood paneling that could deliver on both appearance and cost. That's when Endura got the call.

Endura's tongue and groove veneer-wrapped paneling was ideal for the job. Not only did the architects achieve the atmosphere they desired, the builders benefited from the clear, consistent and easy-to-install 16-foot panel lengths too. As for the bank president, he had only one thing to say about Endura's lower overall installation cost: approved.





**PROJECT:** WESTSOUND BANK, SEQUIM,  
WASHINGTON

**CLIENT:** Edensaw Woods

**DETAILS:** 207 pieces at 198"  
57 pieces at 123"  
4,000 total linear feet

**PRODUCT:** **WOOD-WRAPPED T&G PANELING**

**CONSTRUCTION:** 1" x 6" fingerjointed pine core with  
cherry hardwood veneer

**ADHESIVE:** Type 1 Hot Melt

**TEST PROCEDURES:** Boil Test

**END USE:** Ceiling

**SUBSTRATE:** Fingerjointed pine

**VENEER:** Cherry



# AMICTUS



## PRECISION WRAPPED SURFACES.

Profile-wrapped veneering has forever changed what real wood can accomplish in architecture. The ability to cloak metal, vinyl or engineered substrate with any wood species means builders can have dimensionally stable wood elements that accommodate changing and unequal planes and meet building codes. No matter what material the project demands, Amictus will wrap.



Amictus  
Precision wrapped surfaces.

# MONUMENTAL DESIGN TASK

*The USS Arizona Memorial floats above the mid-section of the battleship sunk during the attack on Pearl Harbor. It marks the final resting place of those who were killed on board and commemorates the events of December 7, 1941, which led to U.S. involvement in World War II.*

The project leaders of the USS Arizona Memorial Visitor Center wanted to build a warm, polished structure that paid respect to the soldiers who died there. They felt the building needed to withstand Hawaii's saltwater climate and tropical moisture — and the termites that come with it. With more than a million visitors each year, the visitor center had to be beautiful yet durable. And it all had to happen with minimal impact on the natural environment.

With a tight timeline and budget, the design team turned to Hunter Douglas Contract Ceilings and its supply partner, Endura Products, to create low-maintenance veneer-wrapped ceiling panels. Endura profile-wrapped real red oak veneer around the Hunter Douglas engineered aluminum substrate, delivering the design and aesthetic intent the architects sought in a sleek system that installed quickly and easily. The result: A warm, inviting visitor center befitting the memorial it accompanies.





**PROJECT:**

**USS ARIZONA MEMORIAL VISITOR CENTER, OAHU, HAWAII**

**CLIENT:**

Hunter Douglas Contract Ceilings; Fentress Architects; U.S. Park Service

**DETAILS:**

New construction: USS Arizona Visitor Center–Gift Shop & Education Center

\$33 million construction cost

11,136 linear feet of Hunter Douglas Luxalon Box 4, Rift Cut Red Oak wood veneer finish

**PRODUCT:**

**WOOD-WRAPPED METAL CEILING PANELS**

**CONSTRUCTION:**

Red oak veneer over roll-formed aluminum

**ADHESIVE:**

Type 1 Hot Melt

**TEST PROCEDURES:**

Boil Test

**END USE:**

Horizontal ceiling system

**SUBSTRATE:**

Aluminum

**VENEER:**

Red oak



# A ROYAL MATCH

*King's College is one of the University of London's oldest and largest colleges, and is located in the heart of London on the River Thames.*

When King's College in London needed window coverings during a remodel, they turned to their OEM, Taylormade Joinery in Suffolk. In looking for a dimensionally stable, fire-rated, long-lasting and, most importantly, aesthetically pleasing solution, its product distributor, Timbmet Silverman in Oxford, knew just who to call on: Endura Products.

Endura met the needs of King's College by providing 1,210 pieces of aluminum wrapped with a white oak veneer, which is 92,503 total linear feet of vertical blinds. Now the windows at King's College not only shed sunlight when needed, they also shed a figurative light on the versatility and practicality of Endura's products. Truly a royal match.





**PROJECT:** KING'S COLLEGE, LONDON, ENGLAND  
**CLIENT:** Taylormade Joinery  
**DETAILS:** 1,210 pieces of vertical window blinds totaling 92,503 linear feet:  
• 594 at 63½”  
• 274 at 74½”  
• 342 at 100½”

**PRODUCT:** WOOD-WRAPPED WINDOW LOUVERS  
**CONSTRUCTION:** White oak veneer over extruded aluminum  
**ADHESIVE:** Type 1 Hot Melt  
**TEST PROCEDURES:** Boil Test  
**END USE:** Vertical window blinds  
**SUBSTRATE:** Aluminum  
**VENEER:** White oak



# HAWAIIAN STYLE

*Wai`ula`ula at Mauna Kea Resort is an upscale residential development featuring the Arnold Palmer-designed Hapuna Golf Course overlooking the Kohala Gold Coast on the Big Island.*

In the midst of lush, tropical rainforests, picturesque hillside coffee farms and towering dormant volcanoes, there is one place that stands above them all: the Kohala Gold Coast. Overlooking its white sand beaches is the island-influenced Wai`ula`ula, an exclusive housing development featuring 47 acres of luxury condos, estates, hotel facilities, restaurants, spas and fitness centers. In looking for a supplier of clear, defect-free trim and molding in a variety of profiles, Honsador Lumber went to Endura.

Endura Products' products not only delivered lower installation costs and higher performance standards, they came prefinished with a high-quality stain and topcoat, providing consistent color and style throughout the project. In total, eight shipments with roughly 70,000 lineal feet of Khaya-wrapped moldings, jambs, casings and trim in five different profiles were used on the project. The result is pure Hawaiian style living.





**PROJECT:**

**WAI'ULA'ULA AT MAUNA KEA  
RESORT, HAWAII**

**CLIENT:**

Maryl Pacific Construction

**DETAILS:**

47 beachfront acres, 102 condominiums plus a mix of estates, hotels, restaurants, spas and fitness centers, five prefinished moulding and jamb profiles.

**UNIT COST:**

\$3.3 million

**PRODUCT:**

**PREFINISHED WOOD-WRAPPED TRIM  
AND MOULDINGS**

**CONSTRUCTION:**

Fingerjointed pine core with Khaya veneer

**FINISH:**

Stain and top coat

**ADHESIVE:**

Type 1 Hot Melt

**TEST PROCEDURES:**

Boil Test

**END USE:**

Mouldings, jambs, casing and trim

**SUBSTRATE:**

Fingerjointed pine

**VENEER:**

Khaya (African Mahogany)



# CHALLENGING CONVENTION

*Stanley Hall at UC Berkeley is home to the Stanley Biosciences and Bioengineering facility, an interdisciplinary research center and the cornerstone of UC Berkeley's Health Sciences Initiative.*

The University of California at Berkeley has a storied history of challenging conventional thought. The architects for the new Stanley Hall, Zimmer Gunsul Frasca Partnership, wanted simple, elegant soffits made from cedar, but fire codes prohibited the use of solid wood. Undaunted, they called Endura Products.

By leveraging its industry-leading profile wrapping technologies, Endura worked with Zimmer Gunsul Frasca to overcome the fire rating dilemma with a solution fit for a progressive institution such as UC Berkeley: wrapping wood veneer over metal soffits. The result was a custom-formed aluminum soffit wrapped with a western red cedar veneer that met both fire code and expectations. Some things are just worth fighting for; Style happens to be one of them.





- PROJECT:** STANLEY HALL, UC BERKELEY
- CLIENT:** Zimmer Gunsul Frasca Partnership
- DETAILS:** 292 custom pieces / 10-foot lengths / 2,920 total linear feet
- PRODUCT:** WOOD-WRAPPED METAL SOFFITS
- CONSTRUCTION:** Custom-formed soffits with solid wood veneer
- ADHESIVE:** Type 1 Hot Melt
- TEST PROCEDURES:** Boil Test
- END USE:** 3rd and 6th story soffits
- CORE:** Custom-formed aluminum profile
- VENEER:** Western Red Cedar



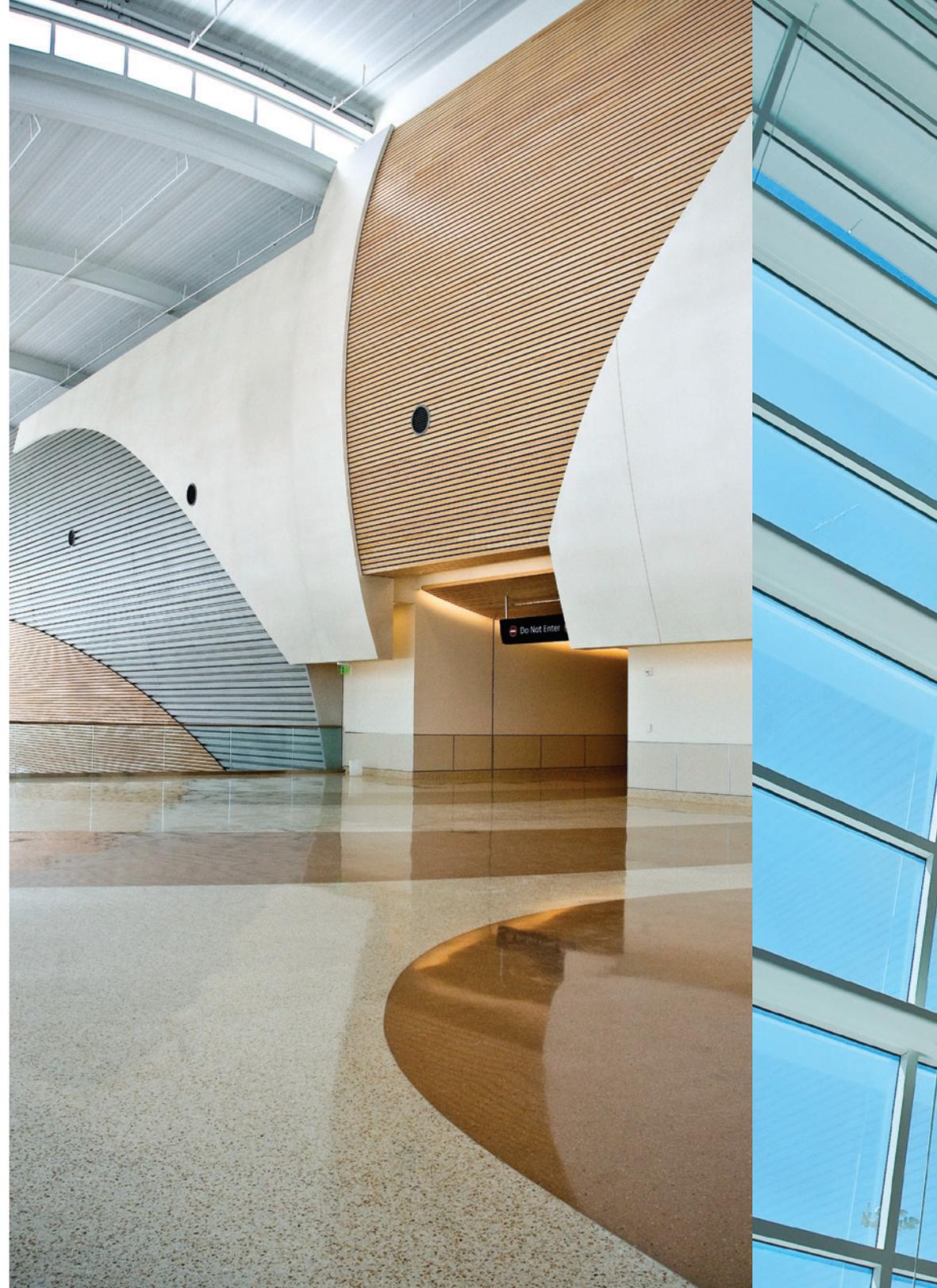
# CLEARED FOR TAKEOFF

*Located in the heart of Silicon Valley, the Norman Y. Mineta San José International Airport serves more than 9.7 million passengers per year. The airport is in the middle of a complete makeover and expansion.*

Designers had a vision for the new terminal at the Mineta San José International Airport that included the warm, natural look only real wood can provide. Architects entertained the idea of using solid wood to complement the high glass walls and natural light. However, for cost, ease of installation and design reasons, a natural veneer applied to a metal substrate provided the best of both worlds: the aesthetic appeal of natural wood and the performance characteristics of aluminum. That's where Endura Products and its partner, Hunter Douglas, came in.

Hunter Douglas and Endura collaborated to create metal wall paneling wrapped with clear maple veneer for a light-colored finish to complement the established color palette. What's more, the system was versatile and pliable enough to apply in horizontal, vertical and curved configurations.

Now everyone agrees: The new terminal is cleared for takeoff.





**PROJECT:** MINETA SAN JOSE INTERNATIONAL AIRPORT, CALIFORNIA

**CLIENT:** Hunter Douglas Contract Ceilings; Fentress Architects; Port of San José

**DETAILS:**

- Airport expansion and remodel: 1.353 million total square feet
- Construction cost: \$640 million
- 60,000 linear feet of Hunter Douglas Luxalon Box 4, maple wood veneer finish

**PRODUCT:** WOOD-WRAPPED METAL WALL PANELS

**CONSTRUCTION:** Maple veneer over aluminum substrate

**ADHESIVE:** Type 1 Hot Melt

**TEST PROCEDURES:** Boil Test

**END USE:** Wall and ceiling panel application

**SUBSTRATE:** Aluminum

**VENEER:** Maple



# THE 19TH HOLE AND MORE

*The clubhouse, located within an exclusive golf club in Jupiter, Florida, is just minutes from Palm Beach. It features a Jack Nicklaus signature golf course, full-service spa, and of course, one lavishly appointed 19th hole.*

An upscale clubhouse at an exclusive golf community in sunny Jupiter, Florida, welcomes the tired, weary and thirsty. But as sunny as Florida is, no golf game or clubhouse in the state is immune from tropical wind.

Builders take high wind loads seriously. When it came time to install doors at the clubhouse, regular doors just wouldn't do. They needed doors that not only met strict Florida wind standards, but upheld the rich and luxurious feel of their surroundings. That's where Endura Products came in.

Working with Ultimate Door, Endura Products created beautiful custom stiles that easily passed testing standards set forth by the Hurricane Testing Laboratory. And now, the golfers are blown away by the doors and not just the heavy winds.





**PROJECT:** GOLF CLUBHOUSE,  
JUPITER, FLORIDA

**CLIENT:** Ultimate Door

**DETAILS:** 54 door panels  
864 linear feet of stiles  
278 linear feet of rails  
58-70 psf load capacity

**PRODUCT:** CUSTOM DESIGNED DOOR  
COMPONENTS

**VENEER:** 1/4" Khaya face veneer, one face

**EDGE BAND:** 1/4" Khaya edge band, one edge

**STILE AND RAIL:** 1/4" Fingerjointed pine face, one face

3/4" Fingerjointed pine edge band,  
one edge

**ADHESIVE:** Type 1 Bond

**TEST PROCEDURES:** Boil Test, hurricane wind load test  
(58 -70 SB psf load capacity),  
SB Vacuum Pressure Test

**END USE:** Exterior doors

**SUBSTRATE:** Knotty pine



# CAMPUS COLLABORATION

*Endura Products frequently collaborates with customers to develop unique engineered solutions for design dilemmas. The Carl Hansen Student Center at Quinnipiac University is a stellar example.*

To the design team at Centerbrook Architects and Planners working on a Student Center renovation at Quinnipiac University, the structural steel posts supporting the second story just wouldn't do aesthetically. "We wanted the warmth of wood," said Partner-in-Charge Jefferson B. Riley. "We thought it would be nice to have wood representing all the continents, as a nod toward the university's growing international student body."

In the end, Endura Products collaborated with Centerbrook and architectural woodworking firm Modern Woodcrafts to create a custom-designed, factory-finished staves veneer profile wrapped in 27 different veneer species. Best of all, this stunning interior came in under budget, which pleased the designers, students and administration.





- PROJECT:** QUINNIPIAC UNIVERSITY, CARL HANSEN STUDENT CENTER RENOVATION, CONNECTICUT
- CLIENT:** Modern Woodcrafts
- ARCHITECT:** Centerbrook Architects and Planners — Jefferson B. Riley, Partner-in-Charge / Jon Lavy, Principal / J. Klebeck, Project Manager / Laura Taglianetti / Andrew Safran
- CONTRACTOR:** O&G Industires — Mark Jeffko, Project Manager
- SUBCONTRACTOR:** Modern Woodcrafts — Mark Bolton, Project Manager
- DETAILS:** 70,000 square foot renovation project included addition of cantilevered second floor supported by steel posts clad with profile wrapped staves. 216 staves wrapped in 27 different veneer species, including woods representing all continents.
- PRODUCT:** HOLLOW WOOD COLUMNS USED TO WRAP STRUCTURAL STEEL POSTS
- CONSTRUCTION:** Core material formed with fingerjointed pine and moulded into a unique tongue and groove pattern with a 45° arc. Each stave profile wrapped with specified veneer in one of 27 different species.
- FINISH:** Factory applied UV-cured, no VOC clear top coat
- ADHESIVE:** Type 1 Hot Melt
- TEST PROCEDURES:** Boil Test
- END USE:** Wood cladding for steel posts
- SUBSTRATE:** Fingerjointed pine
- VENEER:** Each of 27 posts in a different veneer species, representing woods from every continent

# 20,000 FEET OF HEAVEN

*Located in a private 700-acre valley, Heaven Bent Ranch is surrounded by 10,000 acres of county park and open space, yet is just 25 minutes from downtown Denver.*

Custom builder Daryl Maus was determined to build a home as grand as the 700 acres around him. His dream became a reality when he created Heaven Bent Ranch in Golden, Colorado, with 15,000 square feet of floor space, 52 granite-based columns, 28-foot ceilings and over 10,000 hours of master carpentry work. For the final touches to the ranch, Maus turned to Endura Products.

Endura Products provided 20,000 feet of heaven in the form of clear, defect-free, wood-wrapped cherry molding. Endura produced custom profiles in longer lengths (14-ft., 16-ft. and even 18-ft. on request) and larger sizes (virtually any profile up to 10 inches wide). The result? A home every bit as heavenly as its namesake.





<b>PROJECT:</b>	<b>HEAVEN BENT RANCH, GOLDEN, COLORADO</b>
<b>DETAILS:</b>	15,000 sq. ft. of floor space 52 granite-based columns running the home's 288-ft. length 28-ft. high ceilings 450 sq. ft. of covered deck 575 sq. ft. indoor/outdoor pool 20,000 ft. of clear, cabinet-grade cherry moulding
<b>PROJECT VALUE:</b>	\$6,000,000
<b>PRODUCT:</b>	<b>WOOD-WRAPPED CHERRY MOLDINGS</b>
<b>CONSTRUCTION:</b>	Fingerjointed pine core with cherry veneer
<b>ADHESIVE:</b>	Type 1 Hot Melt
<b>TEST PROCEDURES:</b>	Boil test, vacuum pressure test
<b>END USE:</b>	Moulding and trim work
<b>SUBSTRATE:</b>	Clear fingerjointed pine
<b>VENEER:</b>	Cherry



# LONDON CALLING

*Falcon Wharf is an upscale condominium development located in the heart of London on the banks of the River Thames.*

Architect James Burland had a vision — he wanted to create glass-enclosed living spaces for year-round, 360 degree enjoyment of the River Thames and downtown London cityscape. The doors and windows needed high-quality engineered components to make his idea a reality, so he turned to Timbmet Silverman, a UK-based wood products distributor. That's when Endura Products got the call.

Burland's development, Falcon Wharf, features 17 floors of glass-enclosed balconies that required over 75,000 linear feet of door stiles and window components. Endura Products answered with dimensionally superior laminated veneer lumber (LVL). And now the project is complete, the view has never looked better.





**PROJECT:** FALCON WHARF, LONDON, ENGLAND

**CLIENT:** Soundcraft

**DETAILS:** 360-degree views  
124 apartments  
17 floors of glass-enclosed balconies  
75,000 linear ft. of LVL door stiles and window components

**UNIT COST:** Starting at £305,000

**PRODUCT:** DOOR STILES AND WINDOW COMPONENTS

**CONSTRUCTION:** Douglas fir LVL with pine veneer

**ADHESIVE:** Type 1 Bond

**TEST PROCEDURES:** Boil test, vacuum pressure test

**END USE:** Balcony doors and windows

**CORE:** Douglas fir LVL

**VENEER:** Pine



# GREENER PASTURES

*The Hills of Troy is a master planned community located east of the Twin Cities in Wisconsin. The 270-acre development has over 70 acres dedicated to conservation, as well as abundant scenic nature trails and recreational areas.*

Nestled in the rolling hills of western Wisconsin's dairy country and overlooking the St. Croix River, the Hills of Troy is a residential development that artfully leverages its environmental gifts. Its homes sit on oversized lots surrounded by more than 70 acres of preserved open and wooded space.

Looking to complement the natural exterior outside the completed homes, one of the builders, Dreamstructure, turned to Endura Products' dealer, Complete Millwork, to provide environmentally responsible hardwood cherry veneer-wrapped moldings and millwork on the inside. As a result, the builder saved nearly 30 percent off the installed cost compared to solid cherry hardwoods — all while saving precious resources. Which proves once again that products high in conscience don't have to come high in price.





- PROJECT:** HILLS OF TROY, HUDSON, WI
- CLIENT:** Dreamstructure
- DETAILS:** 5,000 lineal feet of cherry veneer-wrapped mouldings, including crown, base, window and door trim; cove ceiling and stair parts throughout the house.
- PRODUCT:** **CHERRY-WRAPPED MOLDING AND MILLWORK**
- CONSTRUCTION:** Solid hardwood veneer over wood substrate
- ADHESIVE:** Type 1 Hot Melt
- TEST PROCEDURES:** Boil Test
- END USE:** Residential finish work
- SUBSTRATE:** Fingerjointed pine
- VENEER:** Cherry



# JUST THE RIGHT PRESCRIPTION

*Quintiles Transnational Corp. is the world's largest pharmaceutical services company with 23,000 employees in 60 countries. Its world headquarters in Durham, North Carolina, was designed by Gensler and achieved LEED-Silver certification.*

When Quintiles hired Gensler to design its new world headquarters, the company wanted to achieve LEED-Silver certification without exceeding the project budget. Original specifications called for extensive use of solid Afromosia lumber, a species native to Ghana, for exposed beams and paneling. However, while uniquely beautiful, Afromosia is expensive and difficult to source in the required sizes.

The designers turned to Endura Products, who teamed with North Carolina-based Wurth Group and Cleora-Sterling to engineer Laminated Veneered Lumber (LVL) cored beams and T&G paneling wrapped with FSC®-certified Afromosia veneer. Installed, the products are indistinguishable from their solid counterparts and, thanks to FSC® Certification, helped the team meet its LEED goal.

The resulting \$51 million, 252,000-square foot complex is something everyone — including sustainable building advocates, building designers and financial managers — can be proud of.

**FSC® COC CERTIFICATION (FSC-C022452)**





**PROJECT:** **QUINTILES TRANSNATIONAL CORPORATION WORLD HEADQUARTERS, NORTH CAROLINA**

**CLIENT:** Wurth Group and Cleora-Sterling

**DETAILS:** Quintiles Transnational Corp. World Headquarters. 252,000 square foot, 9-story certified LEED-Silver office building. \$51 million construction cost. 16,544 linear feet of FSC®-certified 1x6 Afromosia-veneered T&G paneling. FSC®-certified LVL-core beams with Afromosia veneers, edge bands and end caps:

- 44 pieces 2 x 9 x 192"
- 39 pieces 2 x 9 x 127.5"
- 8 pieces 1 x 4 x 96"
- 8 pieces 2 x 4 x 96"

**PRODUCT:** **WOOD-WRAPPED BEAMS AND WALL PANELING**

**CONSTRUCTION:** Beams: LVL engineered core with veneer-wrapped edge band end cap  
 Paneling: Veneer-wrapped finger-joint softwood core

**FINISH:** Factory-applied, UV-cured, no-VOC clear topcoat

**ADHESIVE:** Type 1 Hot Melt

**TEST PROCEDURES:** Boil Test

**END USE:** Exposed beams and wall paneling

**SUBSTRATE:** Fingerjoint softwood and LVL

**VENEER:** FSC®-certified Afromosia



# PICTURE OF PERFECTION

*The Royal Lahaina, an upscale resort on Maui's exclusive Kaanapali Beach, combines natural beauty with traditional Hawaiian elegance and luxury.*

When the owners of the renowned Royal Lahaina in Hawaii decided to remodel the property they spared no expense. They refurbished everything in sight — right down to the mirror surrounds and artwork frames. They called on the Kapolei, Oahu-based Pictures Plus to provide the island-inspired finishing touches, who in turn asked Endura Products for assistance.

Pictures Plus selected Endura's wood-wrapped profiles for their grain and color consistency, defect-free lengths, quality and cost savings. Now, the mirrors and artwork around the resort are framed with a profile-wrapped teak veneer, which has helped transform the Royal Lahaina into the picture of perfection.





**PROJECT:** THE ROYAL LAHAINA RESORT, HAWAII

**CLIENT:** Pictures Plus

**DETAILS:** 12-story tower renovation  
27 plantation-era acres  
2 profiles  
1,000+ frames and surrounds

**PRODUCT:** CUSTOM WOOD-WRAPPED PROFILE

**CONSTRUCTION:** Fingerjointed pine core with Teak veneer

**ADHESIVE:** Type 1 Hot Melt

**TEST PROCEDURES:** Boil Test

**END USE:** Frames and surrounds

**SUBSTRATE:** Fingerjointed pine

**VENEER:** Teak



# THE MOLDING AND MILLWORK SHOWROOM

*Complete Millwork is a molding and millwork showroom in Hudson, Wisconsin featuring hardwood-wrapped components and products.*

Solve a real problem in the local marketplace — that was Complete Millwork's original goal. Helping solve real global problems was a bonus. In researching new business opportunities, Complete Millwork quickly saw the advantages of using today's veneer-wrapping technologies: long, defect-free lengths; fast and easy installation; extreme versatility; and high-resource efficiency. To share its vision, the company built a showroom dedicated to these hardwood-wrapped marvels.

Complete Millwork turned to Endura Products to supply the showroom's hardwood-wrapped molding, millwork, door components and stair parts. The company selected Endura's products for their versatility and overall quality. And now builders, remodelers, retailers and wholesalers are starting to choose them for the same reason.





- PROJECT:** COMPLETE MILLWORK SHOWROOM,  
HUDSON, WISCONSIN
- CLIENT:** Complete Millwork
- DETAILS:** Opening inventory plus showroom materials
- PRODUCT:** PROFILE-WRAPPED MOLDINGS  
AND MILLWORK
- CONSTRUCTION:** Fingerjointed pine core with oak, maple and cherry veneer
- ADHESIVE:** Type 1 Hot Melt
- TEST PROCEDURES:** Boil Test
- END USE:** Wood-wrapped moulding and millwork
- SUBSTRATE:** Fingerjointed pine
- VENEERS:** Oak, maple and cherry



HANK MCCAMISH PAVILLION,  
GEORGIA TECH, GEORGIA

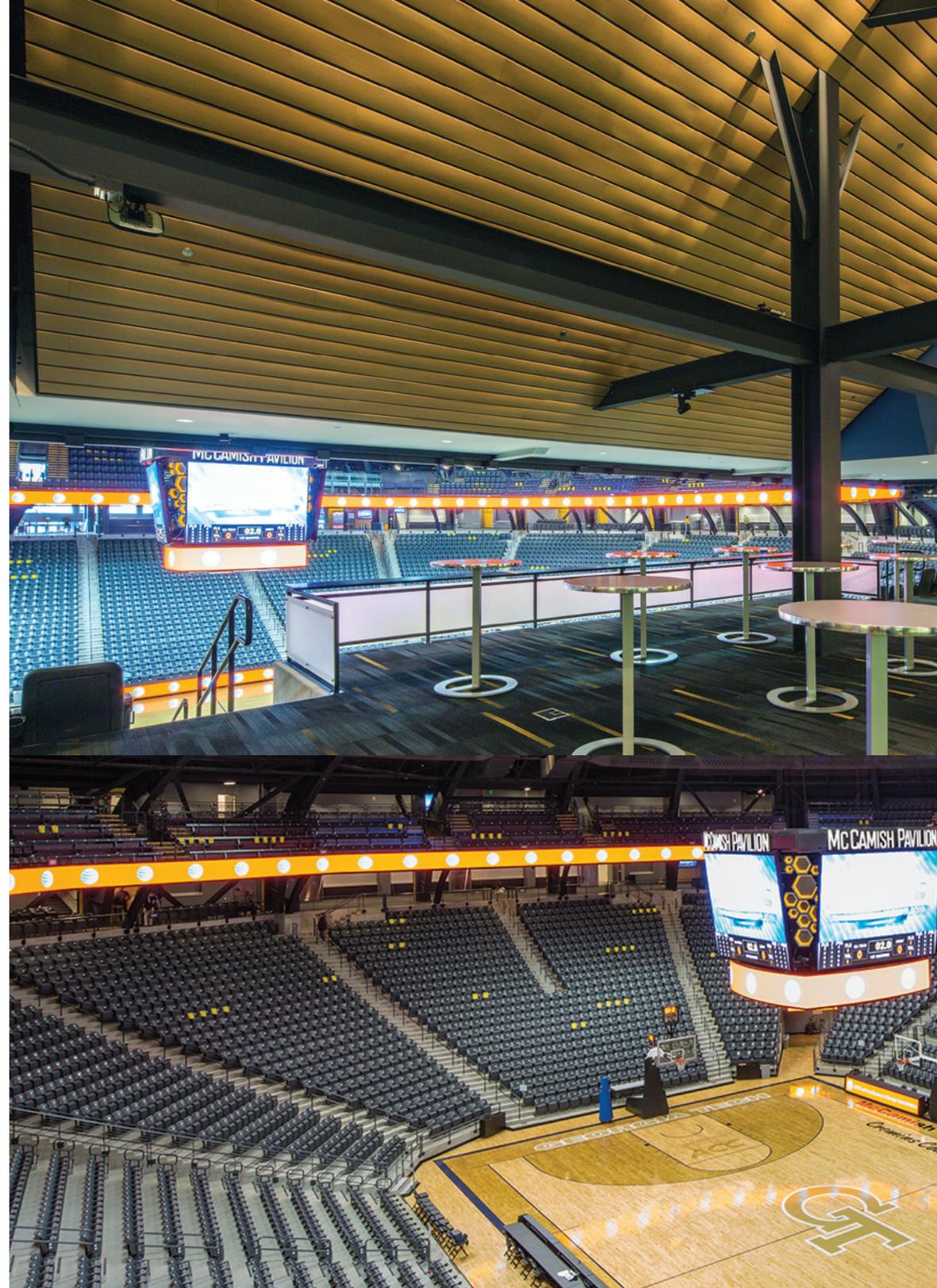
## CLASS A CLUB LEVEL

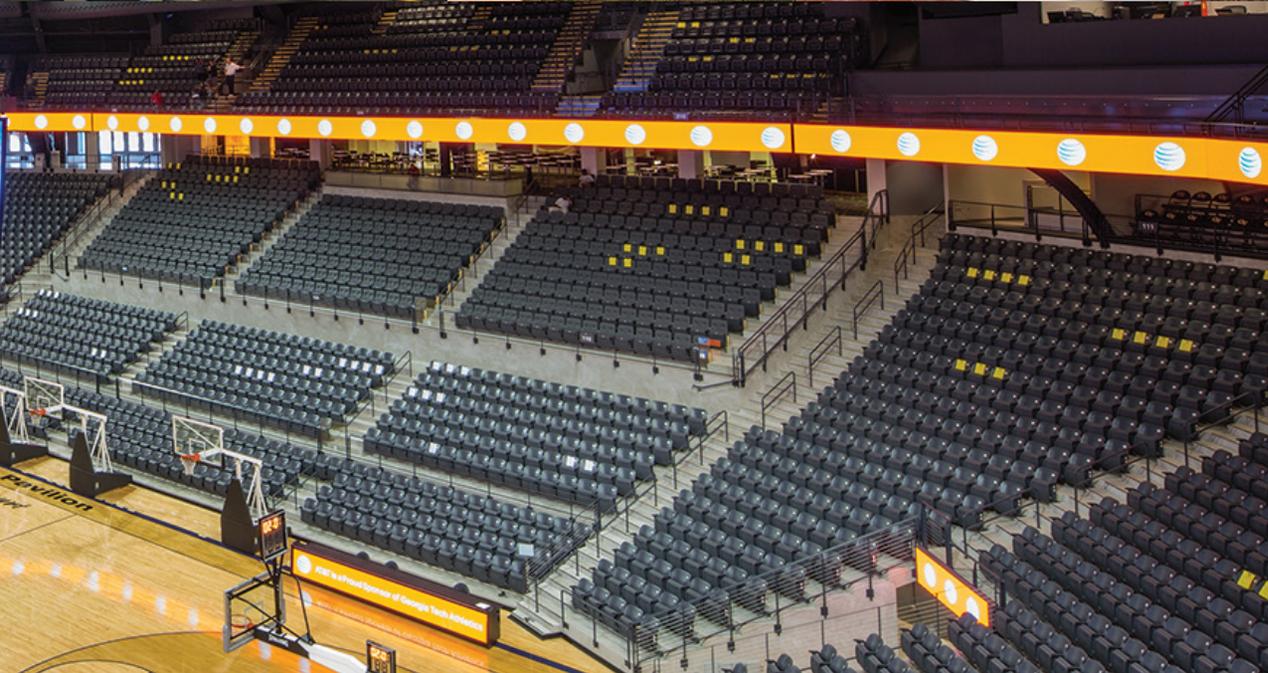
*When Georgia Tech embarked on a massive renovation of its basketball arena, officials turned to Populous, an architecture and planning firm renowned for its stadium and arena work.*

Populous' design team envisioned a warm, inviting atmosphere for the arena's club-level spaces. In a nod to the arena's successful history, the old floor was reused in signage, a feature wall and other accents. The team "wanted an element on a different plane to stand out" so they chose a Hunter Douglas "deep box" linear metal ceiling system veneer-wrapped by Endura Products with real maple veneer.

The Box Six and Box Eight E84 Class A Rated system completed the designer's vision while meeting fire code and accommodating the confining heights and changing planes of the building's curved steel-beam structure. Other advantages included its lighter weight, easy entry to the plenum and 50 percent faster installation compared to traditional MDF and particleboard linear wood systems.

Outstanding aesthetics, fast and easy installation, and a composite Class A fire rating — lineal aluminum ceilings profile wrapped with real wood veneer at its best.





**PROJECT:** GEORGIA INSTITUTE OF TECHNOLOGY (GEORGIA TECH) MCCAMISH PAVILION BASKETBALL ARENA RENOVATION, GEORGIA

**CLIENT:** Hunter Douglas Contract Ceilings  
**ARCHITECT:** Lead Architect: POPULOUS; Associate Architect: Make3 Architecture

**CONTRACTOR:** Whiting-Turner

**DETAILS:** \$45 million renovation project included reconstruction of seating bowl, addition of upper level balcony and club seating, and expansion of concourse and plaza areas. Endura Products produced material used in the club level suites. 5,000 linear feet of Hunter Douglas Deep Box 6 and Deep Box 8 linear ceiling components.

**PRODUCT:** VENEERED ALUMINUM LINEAL CEILING COMPONENTS

**CONSTRUCTION:** Quarter-sawn maple veneer adhered to Hunter Douglas Deep Box 6 and Deep Box 8 aluminum lineal components. Factory finished with custom color matching and composite Class A fire rating.

**FINISH:** Factory applied UV-cured, no VOC top coat with custom color match

**ADHESIVE:** Type 1 Hot Melt

**TEST PROCEDURES:** Boil Test

**END USE:** Wood ceiling components with composite Class A fire rating

**SUBSTRATE:** Hunter Douglas extruded aluminum linear ceiling components

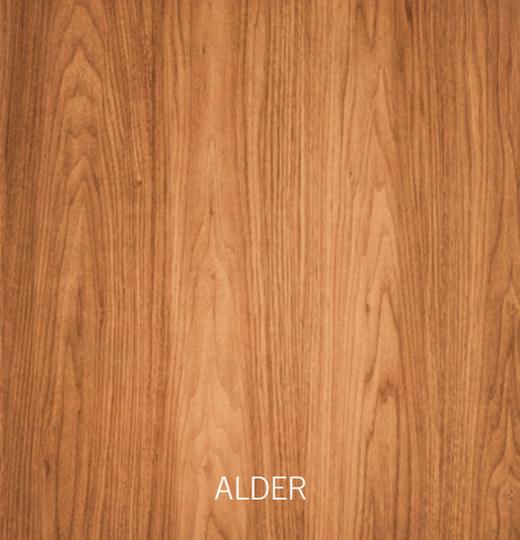
**VENEER:** Quarter-sawn maple



# veneer gallery

Endura Products offers veneer profile wrapping and flat lamination using more than 200 wood species. Use these images of some of our most popular species to better imagine how they'll look on your next project.

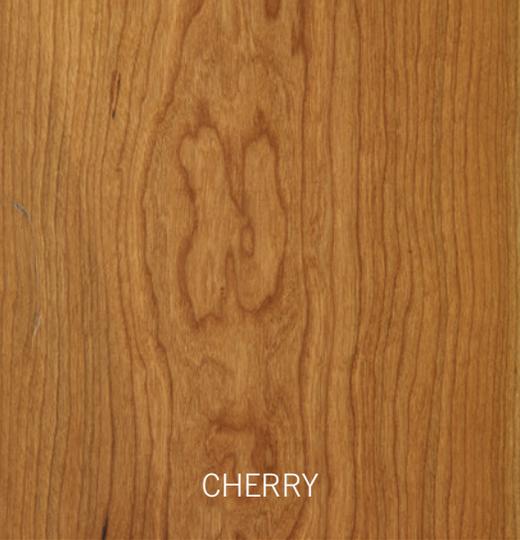
Please visit [www.contactind.com](http://www.contactind.com) to see more samples.



ALDER



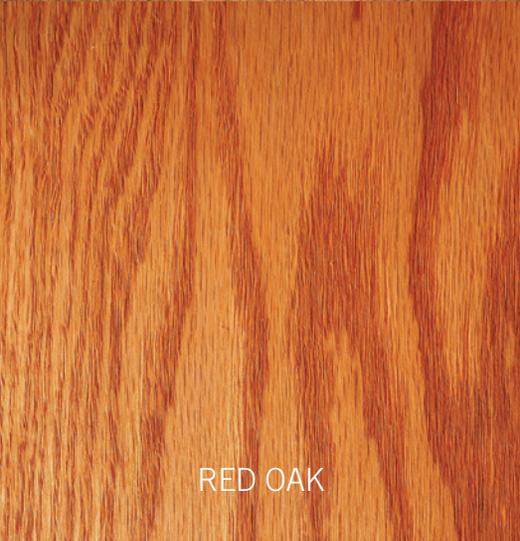
BAMBOO



CHERRY



PINE



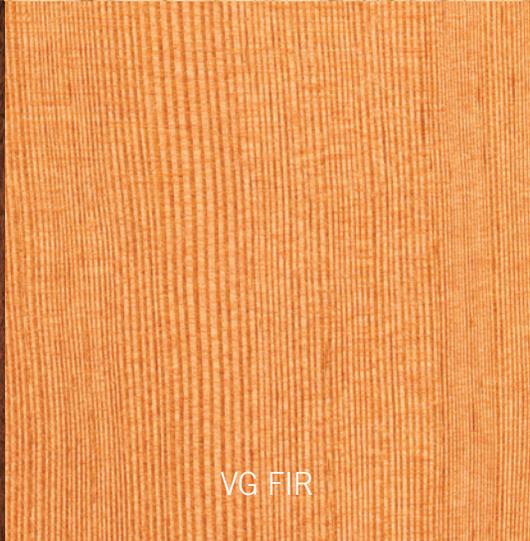
RED OAK



SAPELE



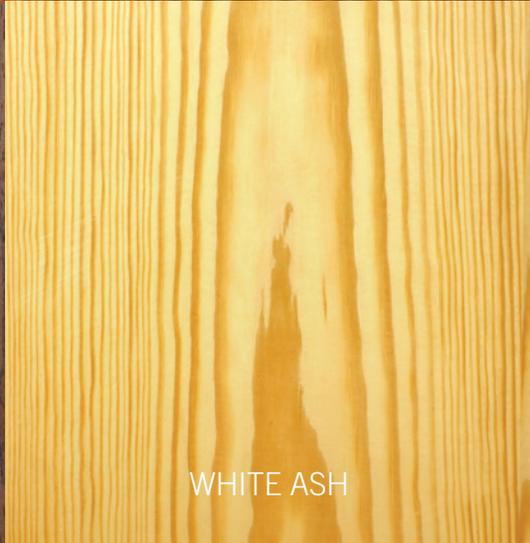
TEAK



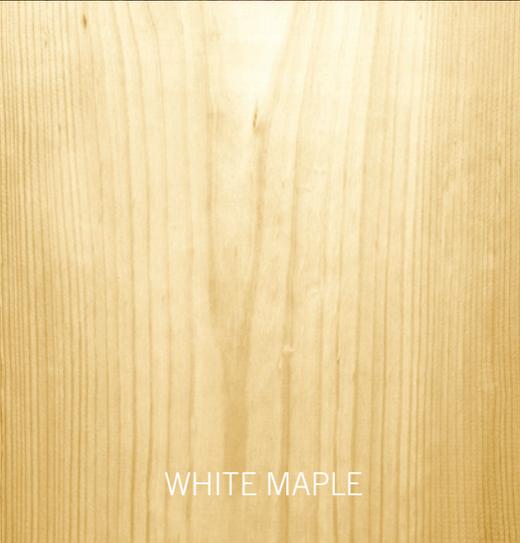
VG FIR



WALNUT



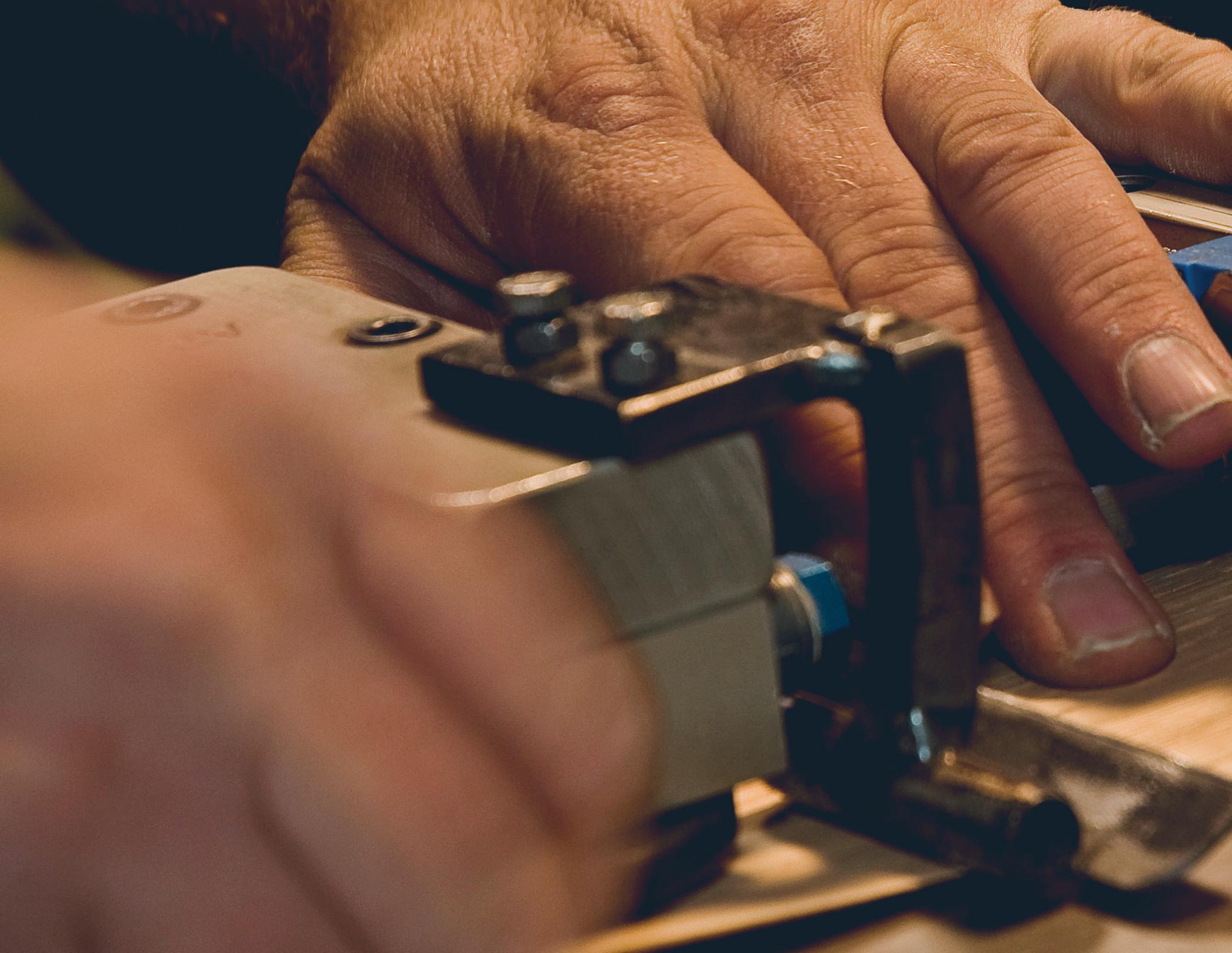
WHITE ASH



WHITE MAPLE



WHITE OAK





# UNCOMMON INSPIRATION MEETS THE HIGHEST STANDARDS

You won't find veneer products this beautiful or precise from any ordinary facility. Our ability to produce flawless veneer around nearly any shape is the result of years of innovative design, the most accurate machinery and cutting-edge thinking.

We cut the finest clear-grade lumber into veneer as thin as a credit card, mold substrates to fit the project, and bond them together with the most advanced adhesives available. We test all finished products before they leave the facility to ensure they meet the highest quality standards. We design every stage of production, from sourcing timber to final installation, to exceed your expectations for finish and beauty.

