“Over 100 Years of Experience in Bringing Wood Products to You.”
Since 1899, Hood Distribution, The McEwen Group has been known as being a leading distributor of high quality hardwood and specialty softwood products. In reviewing this brochure, you will see the wide array of products which focus on the specialty millwork, commercial & residential cabinet, and furniture manufacturing industries. In addition, select branches are active in supplying the retail lumber dealers with moldings, S4S boards, sheet goods, and related products. We continue to look for opportunities to expand our product offering in order to provide greater value and fill more of the needs of our customer base. There are many products featured here that are new since our last publication.

Over the years, our customers have depended on us as a primary source for their product needs. By offering quality products backed by excellent customer service, we have earned recognition as a vendor of choice in our industry. We continually look for opportunities to expand our service and partnership with our customer base and find ways to say “yes we can” in meeting customer needs. To foster that “can-do” attitude, The McEwen Group consists of 11 locations that have access to each other’s inventories which enables us to effectively provide customers with the products they need. We pride ourselves in being a valuable resource to our customers as well as being a partner that is easy and desirable to do business with. We sincerely appreciate our customers and hope to develop mutually beneficial, long term relationships with every one of them.

As another resource to assist you, please be sure to visit our website, www.HoodDistribution.com, where you will find product and technical information, an industry glossary of terms, links to many trade associations and supplier websites, and much, much more.

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**RED GRANDIS**

Red Grandis is plantation grown on roughly 75,000 acres in the deep sandy soils of the North East region of Uruguay. It is a Pure 100% FSC certified, high-grade clear timber with superior consistency in color, appearance, grain and workability. The species was the award winner of the Sequoia New Product Award at the 2011 AWFS convention in Las Vegas for product innovation and leadership in the woodworking industry for the category of Green/Environmental Leadership in raw materials.

In Europe, Red Grandis has been used for years in the interior and exterior millwork (windows & doors) industry. This is due in part to the fact that the species has natural durability to fungi and withstands the exterior elements quite well. It has been independently tested and received a Durability Class 3 rating for “Durable to moderately durable”.

The species offers a straight grain and a consistent medium pink color that can be finished to resemble other fine wood species. Red Grandis is a top quality solid wood product. It is ideally suited for high end applications in residential and commercial use, including furniture, cabinets, moldings, interior design, doors and windows, satisfying the needs of the most demanding markets.
FORMWOOD INDUSTRIES

Hood Distribution has partnered with FormWood Industries to provide our customer base with high quality wood veneer and veneer related products. Since 1972, FormWood Industries has been a leading manufacturer of custom veneer faces, flexible veneer, NBL wood on-wood laminates, architectural veneer plywood, and edgebanding.

HARDWOOD VENEER

Veneers make it possible to utilize wood in a more novel and unique applications than ever before. Flexibility, pliability, sizes and sequencing and matching are all characteristics Hood Distribution and FormWood Industries can offer regarding your veneer needs.

- Veneer Paper Backed Sheets: For true versatily, nothing compares to the natural beauty of paper-backed, premium matched hardwood veneer. Each sheet is tendeed and sanded to meet stringent quality inspections.
- NBL (No Black Line): NBL laminates provide the custom woodworker with superior flexibility and performance when compared to other products. NBLs patented ply construction produces an extremely pliable, moisture-resistant sheet without the black edge associated with phenolic and foil backers.
- PSA Veneer Sheets: PSA Hardwood Veneer provides a simple and easy alternative for applying veneer without the need for a secondary adhesive. Utilizing the best quality 3M Brand PSA adhesive, peel & stick veneer provides a permanent bond to virtually any smooth substrate that is dry and free of dust and contaminants.
- 2-Ply Hardwood Veneer: 2-Ply hardwood veneer has a perpendicular face-to-back construction utilizing a thin acrylic membrane to provide protection against bubbling, glue seepage and telegraphing. The crossband construction allows the 2-Ply veneer to bend on moderate curves in the horizontal or vertical direction.

Cherry, Maple, Red Oak and Walnut veneers in both 10-mil paperback and 2-ply wood are readily available in our branches. Other species and configurations are available through our efficient special order quick-ship program.

WOOD VENEER EDGEBANDING

Edgebanding is produced by joining individual pieces of veneer together into a continuous master roll by finger-joining the veneer. The rolls are laminated with veneer, then sanded and silt to fine finished widths. Three types of FormEdge veneer edgebanding are available: non-glued, preglued, and prefinished.

- Automatic (Non-Glued) Fleece Backed Edgebanding: 7/8" x 500' rolls with a thickness of .022" sanded to 180 grit.
- Pre-glued Fleece Backed Veneer Edgebanding: 13/16" x 250' rolls with a thickness of .034" (based on .012 of hot melt) sanded to 180 grit.
- Alder, Birch, Cherry, Hickory, Mahogany, Maple, Red Oak, Sapele, and Walnut edgebanding are readily available in our branches in pre-glued and non-glued. Other species are available through our efficient special order quick-ship program.

CUSTOM ARCHITECTURAL PANELS

A state of the art plywood facility is available to laminate high quality veneer to a myriad of finish substrates. This also allows the manufacture of small runs of material. For most species, the minimum order requirement is only one panel! Architectural plywood is ideal for custom and high-end projects. Hood Distribution and FormWood Industries are able to provide architectural plywood to your specifications:

- Sequencing and fit matching create a similar look.
- Balance match and center-balance match are ideal for continuity in wall panels.
- End match can extend visual length for use in tall wall panels or conference tables.
- Blue print matching can tackle intricate jobs.
- Formwood offers their Architectural Panels in a variety of Core options:
  - MDF Core
  - Veneer Core
  - Light-weight Veneer Core
  - Particleboard Core
  - Five-Rated Particleboard Core
  - Marine Plywood Core
  - Formaldehyde-Free Core

These custom panels are produced to your specifications through our efficient special order quick-ship program.

For more information visit: www.formwood.com

HETTICH

Hettich is one of the world's largest manufacturers of cabinet hardware. Every day, over 5,900 members of staff take up the challenge of developing intelligent technology for furniture. A family-owned business, Hettich is at home in Kirchhingen, Germany. This is where ideas are born for furniture fittings such as today and tomorrow with Hettich's history is defined by outstanding engineering achievements and bold enterprising decisions dating back to 1888 with inventions created by Karl Hettich. The company's hardware solutions being movement, safety and convenience to cabinets, continuing to do so for years of use. The secret to achieving this: awareness of quality, joy of innovating, constant dialogue with our customers and reliability. The Hettich staff act in line with these values, something that doesn't go unnoticed. The result: thrilled cabinet owners. The focused products in the partnership between Hood Distribution and Hettich relate primarily to the cabinet and fixture market segments; however, the entire product line is available through our special order program. The following is a brief look into items available to you from Hood Distribution and Hettich.

Quadro w/ Silent System Under Mount Slides:
Quadro full extension slides are compatible for face frame and cabinetless with cabinets with overlay or inset applications. The special profiles and precision steel balls provide tracking stability while also offering a 75lb dynamic load capacity. The Quadro system is self-cleaning. Any dirt is swept aside by the steel balls as they traverse along the track. Even after long service, the silky smooth action will not be impaired by dirt particles. Drawers are readily available to heavily loaded pan drawers, the silent System closes all drawers gently and softly.

The Quadro is readily available in 9" thru 24" lengths.

Full Access Quadra (FAQ) Under Mount Slides: FAQ Slides offer all of the same benefits of the Quadro, but limits the drawer opening to an 88" opening instead of the full extension that the Quadro offers. Used in applications where the rear of the drawer needs to be accessed, but not fully exposed. For the under mount look and quality, while staying within your budget. The FAQ slides are manufactured in Buford Georgia, using all of the same silent system and soft close technology of the Quadro Full Extension Slide.

FAQ Slides are readily available in 9" thru 21" lengths.

Multi Tech Steel Drawers: Multi-Tech is the single wall steel profile system for drawers that feature variable drawer widths, five drawer heights (12-1/8", 3-3/4", 5", 6-1/4", 8", and 8-3/4"), and a 100 lb load capacity. It can be used for a variety of applications in furniture for the kitchen, bathroom and office. The drawers are sturdy and strong. Their single-wall design also makes them economical. Fast and straightforward to assemble, they are ideal for use in mass production.

The Multi Tech System is readily available in 10" thru 22" lengths.

InnoTech Double Walled Drawer System: InnoTech provides unique ways of creating marks of distinction from a platform concept for drawer systems. There’s a wealth of options for individual enthusiasts, rigid, quiet and reliable. Its external appearance indicates quality. Long service life and great ease of use round off the hinge profile. The internal features a concealed latch that is simple, safe and reliable as well as an eccentric height adjustment that provides exact door depth alignment without loosening screws. The mounting plates also offer an eccentric height adjustment that provides exact door height alignment without loosening screws. Cleverly engineered fast-assembly technique for straightforward handling.

The Internal Hinges are readily available in a wide variety of opening angles.

Sensys Hinges: Sensys, the hinge system with integrated soft-closing mechanism for even more convenience in closing hinged doors. Self-closing from a uniquely wide angle, Sensys takes care of closing doors without the need for a secondary adhesive. Innovative, easy, gentle, quiet. The high-quality Silent System soft-closing system is invisibly integrated in the hinge arm. This system provides gentle, smooth closing from an opening angle of 35 degrees.

The Sensys Hinges are readily available in a wide variety of opening angles.

Grant Door Hardware: Grant offers a wide range of residential and commercial ski grade folding and sliding door hardware systems designed to meet the specifications of architects and engineers around the world. The 6000 series is the preferred systems for the residential building markets, while the 7000, 1200, 5150 and 3300 series meet the design loads and needs of any commercial building. Grant is continuing to move forward to improve the product offering with options such as the new 150 and 325 Box track series. Doors up to 330 lbs can be mounted from the ceiling or the wall while hiding the hardware and keeping the focus on your design. Get the look you want and the quality you expect with Grant Folding and Sliding Door Hardware.

Grant Door Hardware is available through special order.

Link: http://www.hettichamerica.com
These balanced panels have exceptional machining properties, flatness, and bonding qualities. All cores are dried to 6%-8% moisture and are CARB Phase 2 Certified.

> Pluma-Ply with American faces: Containing the same Poplar core of the All-Poplar panel, these decorative panels are available in most species and grades to meet all applications for decorative plywood. These panels are available in thicknesses from 1/4" to 1-1/2" and 48.5" wide x 96.5" long. The ultra smooth Poplar cross bands make for an exceptional surface for finishing. The light color and virtual void-free cores eliminate the "telegraphing" effect that we find in most other core options for hardwood plywood.

> Pluma-Ply with Birch faces: These White Birch whole piece faces offer the same lightweight construction with an affordable faces suitable for painting and staining. The Poplar cross bands are also whole piece, virtually eliminating all core voids under the faces. The White Birch face and Natural Birch-backs are 0.7mm thick from North America. Different from the Russian Birch faces on Chinese produced panels. Available in thicknesses ranging from 1/8" to 1-1/2" x 48.5" wide x 96.5" long. These 3-glide cores present the flatness desired in the construction of high-end cabinets, casework and furniture. Visit www.garnicaplywood.com for more information on these panels.

> COVERED, UPHOLSTERED, OR UNSEEN FRAME STOCK.

Painting or Laminating

Staining or Painting

meet multiple applications:

The faces and backs are available in a range of grades to meet multiple applications:

B = Staining or Painting
BB = Painting or Laminating
C = Covered, Upholstered, or unseen frame stock.

> Covered, Upholstered, or unseen frame stock.

Painting or Laminating

Staining or Painting

market today. When consistency is important, these Poplar Core panels should be used for the project. These Rotary Whole Piece Face and Back Veneers are 1.0mm thick, 40% thicker than typical North American Face Veneers.

> Cedar, Aromatic Red

Cedar is typically knotty and red in color with the sapwood being pale tan to white. Aromatic Cedar lumber averages 5 inches in width and 8 feet in length. It produces an odor that is extremely offensive to moths, but very pleasing to humans.

> Cedar, Western Red

Western red cedar is light in weight and durable under exposure to rain and sun, heat and cold. The wood stains, machines and seasons very well. Red cedar has a reddish brown heartwood that oxidizes to a dull brown upon exposure to the elements.

> Ash

Ash is typically sorted and purchased to be "whiter" in color and medium in texture. This lumber is known for its stability. The wild open grain can provide a very attractive and unique appearance when finished. Natural or Brown Ash is also available and is often referred to as Cabinet Ash.

> Basswood

Basswood is very light in weight and is often used in place of or in conjunction with Hard & Soft Maple and Birch due to its creamy white appearance. Basswood is very desirable among carvers and turners.

> Birch

Birch is a relatively dense wood with a closed tight grain. This makes for a very stable and strong material offering. However, difficulty in machining sometimes becomes an issue. The majority of Birch that is yielded from cuts is light tan to light yellowish brown in color and is commonly known as "Yellow Birch". Birch trees are not large in size, therefore long lengths and wide widths are not readily available.

> Cypress, Sinker

Sinker Cypress is cut from logs that at some point in time have sunk to the bottom of rivers and lakes. These logs are recovered from under the water usually after the sapwood has rotted away, leaving only the heartwood. The heartwood is reddish/brown in color and resists the elements very well.

> Cypress, Yellow

Yellow Cypress is light in color and sometimes carries a orange cast. It machines and finishes very well. Yellow Cypress is often used outdoors as well as indoors. It is typically used in the manufacturing of paneling, furniture, and fending.

> Cypress, Sinker

Cypress, Sinker #4/4 & 8/4 Select and Better And Special Order Specifications

Sinker Cypress is cut from logs that at some point in time have sunk to the bottom of rivers and lakes. These logs are recovered from under the water usually after the sapwood has rotted away, leaving only the heartwood. The heartwood is reddish/brown in color and resists the elements very well.

> Cypress, Yellow

Cypress, Yellow #4/4, 5/4, 6/4, & 8/4 Select & Better #2 Common

(Ask about Cypress mouldings, patterns & eastern sawn shingles)

> Fir, Douglas

Douglas Fir is North America’s most plentiful softwood species. It is among the strongest and hardest softwood species. Fir is unique among all softwood species in that it naturally dimensionable, having the ability to season well in position. Douglas Fir possesses a light rosy color that is set off by its remarkably straight and handsome grain pattern.

> Cherry

Cherry is a very attractive hardwood, prized for its workability, stability, and medium in texture. This wood is also known as Cabinet Grade. The finest Cherry is grown and is available as Cabinet Grade. Cherry has long been a leading choice among the cabinet and furniture industries.

> Hickory

Hickory is considered to be one of the more dense of all commonly utilized hardwoods. Hickory is known for its relatively closed grain and reddish brown to light tan color. Hickory is used quite extensively in the manufacturing of flooring.

> Alder

Alder is a very attractive hardwood that is available in thicknesses from 1/4" to 1-1/2" and 8/4 wide x 96.5" long. Alder is light reddish brown in color with a very fine or even texture. The grain pattern is very similar to Cherry and Soft Maple.
**DOMESTIC LUMBER**

**Maple, Hard**
- 4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4
- Select & Better
- #1 Common
- 4/4 Brown (paint grade)

**Oak, White**
- 4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4
- FAS1F
- #1 Common

- (Quarter Sawn & Rift available)
  - White Oak is the most desirable choice in the Oak family. It is more dense than Red Oak and possesses a more even texture. Therefore, White Oak is easier to work and finish in comparison to Red Oak. Due to the abundance of tyloses in the pores of White Oak, it can be used in certain exterior applications. White Oak can be very light grey to very light tan in color. White Oak is a favorite choice for architectural millwork.

**Pine, Southern Yellow**
- 4x4 thru 1x12 S4S
- C & Better & #2 Grade

- 2x6 thru 2x12 S4S
- C & Better

- Pattern Stave – D & Better & #2 Grade

- KDAT Boards & Dimension – C & Better

- 4/4, 4/4, 4/4, & 8/4 Rough – C & Better

- Southern Yellow Pine is a collective term that encompasses several species that grow throughout the South. Yellow Pine is usually very coarse textured with highly pronounced growth rings. It is typically brownish yellow in color and can sometimes have an almost orange tint. Yellow Pine is most often soft and relatively easy to work. The bulk of the production is used structurally in the building industry. However, yellow pine is often run in tongue and groove flooring, beaded ceiling, and bifold siding profiles.

**Pine, Eastern White**
- 4/4, 4/4, 6/4, 8/4, 12/4, & 16/4
- Furniture Grade (Knotty)
- C & Better

- 1x4 thru 1x12 S4S
- Standard & Premium
- D & Better

- Clear Finger-joint

- Eastern White Pine is a very soft in texture, light weight, and light in color. It is pale yellow to a light cream in color. It machines and glues very well. Eastern White Pine is used for cabinetry and millwork.

**Pine, Ponderosa**
- 4/4, 5/4, 6/4, & 8/4
- C & Better

- Moulding Grade

- 1x2 S4S

- #2 & #3 Common

- Ponderosa Pine is a very stable wood and machines extremely well. It is light weight with a straight grain and even texture. The heartwood is brown to light tan with a white sapwood. Ponderosa Pine is used extensively in the millwork industry in the manufacture of wood windows and doors. It is also a very popular choice for moulding.

**Poplar, Yellow**
- 4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4
- FAS1F
- #1 Common

- Yellow Poplar is probably considered the most valued of all the hardwood species because of the abundance of supply and versatility. It is reasonably stable and machines and glues quite well. Poplar has a light to dark green heartwood with a creamy sapwood. It is used extensively as both a paint and stain grade moulding.

**Spruce**
- 4x4 thru 1x12 S2S4S

- The Spruces are members of the pine family and are closely related to the fir. Spruce machines relatively well and maintains excellent stability. The heartwood is light tan to reddish brown with sapwood being off-white.

**Walnut**
- 4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4
- FAS1F
- #1 Common

- Walnut has been a popular choice among woodworkers for many years. It machines and glues very well and is extremely stable. The heartwood is brown to black and the sapwood is basically white. Walnut is one of the few woods that actually lightens (instead of darkens) with age. Walnut is used extensively in the manufacture of fine furniture and cabinetry.

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**FOREST STEWARDSHIP COUNCIL (FSC) CERTIFIED MATERIAL**

Hood Distribution supports responsible forest management and is FSC Chain of Custody (CoC) certified. FSC certification provides a credible link between production and consumption of forest products, enabling consumers and businesses to make purchasing decisions that benefit people and the environment as well as providing ongoing business value. As a multi-stakeholder organization, FSC applies the directive of its members to develop forest management and chain of custody standards, deliver trademark assurance and provide accreditation services to a global network of committed businesses, organizations and communities.

Long standing relationships with reputable sawmills that possess the same initiatives as Hood Distribution afford us the ability to meet your certified wood requirements.

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**AMERICAN FOREST LAND – THE GREAT RENEWABLE RESOURCE**

- 8 million acres of old growth timber is preserved in our National Parks and Wildlife Conservation areas.
- Every year, 6 trees are planted for every one tree that is harvested or destroyed by disaster.
- Loggers, sawmills, furniture manufacturers, cabinet shops and paper mills produce $200 billion in forest products each year.
- Emerald Ash Borer is a beetle that disrupts the Ash tree's ability to transport water and nutrients. This beetle was discovered in Michigan in 2002. By the summer of 2014, 23 states had discovered this beetle. The Emerald Ash Borer has cost the forest products industry tens of millions of dollars, due to the killing of standing timber and the enforcement of the USDA’s quarantines on the harvesting in these 23 states and parts of Canada.

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University of Mississippi (Ole Miss) Law School: Advanced Manufacturing in Memphis. TR supplied the super, magnetic weld mask while Hood distribution supplied the R&R Cherry lumber and panel for this FSC Certified project.
Apitong

Special Order Item

Apitong is a very dense and tough wood with a relatively coarse grain pattern. It is highly durable and is chosen over other woods for applications where they may decay or there is exposure to abrasive wear. Apitong is a true hardwood; therefore, it does not finish as well due to the courseress of the grain structure. The heartwood is moderately dark brownish red in color. Apitong has been largely successful in the United States in truck bed and truck flooring applications.

Bubinga

Special Order Item

Bubinga is a very heavy and hard wood that is often referred to as African Rosewood. It is very deep red in color with some sporadic darker color veining. Bubinga is primarily used in the construction of fine cabinetry and furniture pieces.

Cedar, Spanish

4/4, 4/8, 6/4, 8/4, 10/4, 12/4, & 16/4

Premium Select

Select and Better

Spanish Cedar is closely related to and resembles Mahogany; however, it is lighter in weight and the grain pattern is more coarse and softer in texture. It is a relatively stable wood that machines well with standard woodworking tools. Spanish Cedar is resistant to decay and dry wood termites which makes it a popular choice for exterior applications. The more desirable grades are primarily all heartwood with a pale brown to light pink tint.

Ipe’

Clear Decking available 1x4 thru 12 x 12 Eased 4 Edges 5/4 x 6” E4E 2x4 thru 2x12 4x4 Posts

Premium, Select and Common Ipe’ is very dense and heavy and is reasonably difficult to machine. It is good for outdoor applications due to its resistance to decay and low maintenance characteristics. Ipe’ carries a Class A fire rating and is many times harder than treated pine. The heartwood is oil brown and contrasts dramatically in color to the yellow-grey to grey-brown sapwood. Ipe’ is primarily utilized in the construction of decks, docks, marinas, and boat houses.

Jatoba

4/4, 5/4, 6/4, & 8/4

Select & Better

The species offers a straight grain and a consistent medium pink color that can be finished to resemble other fine wood species. Red Grandis is a top quality solid wood product. It is ideally suited for high end applications in residential and commercial use, including furniture, fixtures, cabinets, moldings, interior design, doors and windows, satisfying the needs of the most demanding markets.

Sipo/Utile

4/4, 5/4, 6/4, 8/4

Select & Better

Sipo is another African import specie that is an excellent substitute for Genuine Mahogany. Compared to other substitutes, Sipo’s workability is closest to that of Genuine Mahogany. The heartwood contains uniform red, brown color with a well defined sapwood. Sipo is most often used in exterior applications due to its rot resistance characteristics.

Mahogany, African

4/4, 5/4, 6/4, 8/4 & 12/4

Select & Better

African Mahogany closely resembles Genuine Mahogany in its color and workability. However, the African species does tend to have a prominence of ribbon figure or “ribbon stripe.” African Mahogany is a medium reddish brown color. It is much lighter in color than most expect it to be. However, it dramatically darkens with age. Ribbon stripe African Mahogany is very attractive in its appearance and is a nice choice for cabinetry and furniture.

Mukulungu (African Redwood)

5/4 x 6” E4E 2x4 thru 2x8 4x4 Posts

Select African Rosewood is very dense and heavy, similar to Ipe’. It is an African species that is the closest in density and exterior properties to Ipe. Other species available. African Rosewood is difficult to machine and heavy in weight. Most often used in exterior applications such as decking due to its natural resistance to decay and low maintenance characteristics. The heartwood is a pinkish red and sapwood is that is just pink, with no dramatic variance in color from sapwood to the heartwood.

Padauk

Special Order Item

Padauk is very hard and coarse in texture with an interlocking grain pattern. It is also commonly known as Vermilion. Padauk is light to dark red in color with contracting streaks throughout. Padauk is primarily used as an accent wood in upper end cabinetry and furniture.

Pine, Radiata

1x2 thru 1x12 5/4 C & Better Moulding Blanks Finger Joint Primed & Unprimed Select Patterns

Radiata Pine is a softwood tree however, it is harder (denser) than several hardwood species. The tree is native to the United States. However, Radiata Pine is now more widely known to be an import versus being sawn and distributed domestically. Radiata Pine is used extensively for moldings, shelving and interior trim boards. It paints very well.

Purpleheart Special Order Item

Purpleheart is also known as and commonly called Amaranth or Violet Wood. It is very hard and can be difficult to work unless the proper tooling is utilized. Purpleheart has a relatively straight grain with a medium texture and is very deep rich purple color. The color will turn dull brown over time if left unsanded.

Red Grandis (Euclayptus Grandis)

4/4, 5/4, 6/4, 8/4

FAS1f Premium #1 Common

The species offers a straight grain and a consistent medium pink color that can be finished to resemble other fine wood species. Red Grandis is a top quality solid wood product. It is ideally suited for high end applications in residential and commercial use, including furniture, fixtures, cabinets, moldings, interior design, doors and windows, satisfying the needs of the most demanding markets.

Padouk

Special Order Item

Padouk is very hard and coarse in texture with an interlocking grain pattern. It is also commonly known as Vermilion. Padouk is light to dark red in color with contracting streaks throughout. Padouk is primarily used as an accent wood in upper end cabinetry and furniture.

Sapele

(latin Mahogany or Spanish Cedar Substitute)

4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4

Select & Better Grade

Sapele closely resembles African Mahogany in appearance; however, it is harder and heavier. The sapwood has an interlocking grain that is very often in appearance. Sapele is a medium reddish brown color with a medium texture. It carries the typical Mahogany look and color, but does not have the same strength and stability of true Mahogany. Sapele finishes well and machines relatively well.

Teak

4/4 & 8/4

(Other thicknesses are special order)

FEQ (First European Quality) Grade

Among industry professionals, Teak is considered one of the most valuable and beautiful species in the world. It is very strong, hard, and durable. Teak naturally contains oil silicates that act as a preserver to the elements in salt water environments. It is a very stable, straight grained wood that machines reasonably well with the proper equipment. Teak varies in color from yellow to brown and darkens with exposure to the elements. Because of its natural traits, Teak has a history of extensive use in the ship building industry.

Wenge

4/4 Select & Better

Wenge is a very hard, durable, and dimensionally stable wood. It machines and finishes very well. Wenge is a dark chocolate to almost black in color. Wenge has long been used for flat work in cabinets as the premier choice for wood flooring.

Zebrawood

4/4 Select & Better

Zebrawood is a very heavy and hard and uniquely striking in its appearance. It has a consistent medium pink color and is light gold in color with streaks of dark brown to almost black running throughout. Zebrawood is primarily used in combination with other woods as an accent due to its unique appearance.

Overcut Sapele

Many of Hood Distribution locations stock “overcut” Sapele for our customers to maximize the yield from each board. Overcut Sapele is shipped 2”-4” over length, but invoiced at the full length tally. How many of our midwest customers are ordering 1”-1 1/2” long lumber for an 8’ finished product? In that case, a customer can order 4’ overcut lumber to make an 8’ door. Each board will ultimately ship to the customer at 8’2” - 8’4” and only be cut to size before shipping. Many of Hood Distribution locations stock “overcut” Sapele for our customers to maximize the yield from each board. Overcut Sapele is shipped 2”-4” over length, but invoiced at the full length tally. How many of our midwest customers are ordering 1”-1 1/2” long lumber for an 8’ finished product? In that case, a customer can order 4’ overcut lumber to make an 8’ door. Each board will ultimately ship to the customer at 8’2” - 8’4” and only be cut to size before shipping. Many of Hood Distribution locations stock “overcut” Sapele for our customers to maximize the yield from each board. Overcut Sapele is shipped 2”-4” over length, but invoiced at the full length tally. How many of our midwest customers are ordering 1”-1 1/2” long lumber for an 8’ finished product? In that case, a customer can order 4’ overcut lumber to make an 8’ door. Each board will ultimately ship to the customer at 8’2” - 8’4” and only be cut to size before shipping.
LUMBER GRADE RULES

HOW LUMBER IS SAWN

Plain Sawn
Plain sawn lumber is also commonly referred to as "flat sawn." This is the most common and widely used method of sawing. Plain sawn lumber is produced by making the first cut on a tangential to the circumference of the log. Each additional cut is then made parallel to one before. This method produces the widest possible boards with the least amount of log waste. Therefore, it is more economical in comparison to the other sawing techniques utilized within the industry. Plain sawn lumber offers a distinct cathedral appearance to the grain on the face of the boards.

Quarter Sawn
Quarter sawn lumber is produced by first quartering the log followed by sawing it perpendicular to the annual growth rings. This particular method of sawing produces a nice straight grain appearance on the face of the board. In many species, this technique of sawing makes the medullary rays visible on the face of the board in the form of "flake.

VENEER CUTS

Rotary Cut
Rotary cut is the process of peeling the entire log. Turning the log while shaving the veneer as it turns produces Rotary Cut veneer. This process is the only cutting method that is capable of producing whole piece face veneers. Rotary cut will yield veneer with a broad grain pattern with no plain sliced or quartered appearance. Rotary cut veneers are used in the majority of panels produced in North America. This process yields the most veneer per log and is usually less expensive than sliced veneer.

Plain Sliced
Plain slicing a log occurs when a log is turned slightly off perpendicular before cutting to expose the medullary ray in an effort to minimize the amount of "flake" on the face of the board. Rift sawing produces a virtually straight grain appearance on the face of the board with little to no visible "flake." The rift sawing technique also produces a measurable amount of log waste and yields narrower boards in relation to plain sawn lumber.

Sliced Quarters
Quarter Sliced is the method of slicing the veneer perpendicular to the growth rings. This method produces a straight grain appearance, similar to Rift Cut. Quarter Slicing the Oak species will produce a flame pattern, but only produces the straight grain or stripes in other species. Since the cut is perpendicular to the growth rings, Quarter Slicing produces narrow veneer flitches and yields less veneer than the Plain Sliced method.

Rift Cut
Rift Cut is the process of slicing the veneer at a 15 degree angle to the radius of the log. This process produces straight, striped grain appearance without the flakes that appear in Quarter Sliced veneer. Red and White Oak are generally the species that are Rift Cut to avoid the flame appearance. Rift Cut method yields the least amount of veneer than any other method and the most expensive. This process also yields narrow flitches of veneer, similar size of Quarter Sliced veneer flitches.

DOMESTIC PLYWOOD

LUMBER GRADE RULES AND HOW LUMBER IS SAWN

In Mahogany, this technique produces what is commonly know as "ribbon stripe." Quarter sawn lumber creates more log waste and therefore the end result of narrower boards in relation the plain sawn technique.

BETTER FACE TO GRADE FAS

FOR Extra Cutting

SM Needed to Take

NUMBER OF CUTS

FORMULA TO DETERMINE

Adding together: 1/3 SM x 11 in.+

Add total length

#1 Common Side:

3' SM or 12"

First Lineal Foot Rule: Applies to both ends of Board, to count entire 25% unsound wood.

Combine Face:

3' SM or 12"

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Alder
1/4" A-C, A-4, B-4 and C-C
1/2" A-C and B-2
3/4" A-1, B-1 and B-2 and C-C
*3/4" 5x8 A-4

White and Natural
1/4" A-C, B-1 and B-2
1/2" A-C, B-1 and B-2
3/4" A-1 and B-2

Rotary Cut (Whole Piece & Spliced) Faces
Veneer Core and MDF Core

Birch
White, Natural and Red
1/8" A-4 Bending
1/4" B-4 Beaded
1/4" B-2 and B-4
1/2" A-1, B-2 and C-3
3/4" A-1, B-2, C-3 and D-3
3/4" x 4 x 10 B-2
3/4" x 8 A-4

Grandis, Red
1/4" B-1, B-2, B-2 and B-4
1/2" B-1, B-2 and B-4

Plain Sliced Faces
Veneer Core and MDF Core

Hickory
1/4" A-C, A-4, B-4 and B-4
1/2" B-2
3/4" A-1 and B-2

Plain Sliced Faces
Veneer Core and MDF Core

Mahogany (Khaya)
1/4" A-4 and B-4
1/2" A-1 and B-2
3/4" A-1, A-4 and B-2
3/4" x 4 x 10 A-1

Plain Sliced Faces
Veneer Core and MDF Core

Cedar, Aromatic
1/4" A-3 and A-4
1/2" A-2
Plain Sliced Faces
Veneer Core

Cypress
1/4" A-3
1/2" A-2
3/4" A-1

Plain Sliced Faces
Veneer Core

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Methods of Matching Face Veneer on Plywood

Book Match

Book match is achieved by turning over every other veneer fitch component to match the grain from component to component across the panel for an aesthetically pleasing product. Book Matched and Slip Matched veneer are sliced from the log instead of peeled from the log.

Rotary Match

Rotary Cut veneer is one continuous veneer, creating a very broad grain pattern. Rotary veneer is peeled from the log with a lathe while spinning the log. Rotary is used to achieve either a whole piece or spliced veneer.

Slip Match

Slip Match veneer components are spliced side by side without matching the grain at the joints. Slip Matching creates the look of laying boards side by side.

Forestry Stewardship Council (FSC) Certified Material

As with lumber, Hood Distribution also has long standing relationships with reputable manufacturers whereby demands for certified panels can be easily achieved. It must be kept in mind that panel products are a little different than lumber in that they can be 100% FSC certified or only some percentage FSC certified based on the various components utilized to manufacture to the panel. Please ask your sales representative for further details.

Plywood Core Types

> Combination Core: There are two types of Combination Core construction. The first type consists of a center veneer core and a crossband veneer on both sides of the center with a layer of MDf, particleboard, or hardboard under the face and back veneer. The second type consists of an oriented strand board or wafer board center with a veneer crossband on both sides, under the face and back veneer. Combination Core can be used when the project calls for consistent flatness and good fastener holding strength ability, without the weight of a MDF or particleboard core.

> Lumber Core: Lumber edge glued into a solid slab is considered Lumber Core. Lumber Core plywood is most often found in the construction of import panels, usually only 18mm thickness panels. Lumber Core plywood consists of a face & back veneer, then a layer of crossband veneer, with the edge glued lumber in the center. Lumber Core plywood should be used for the bending strength and screw hold ability. The ability of Lumber Core plywood to bounce back makes it an excellent choice when constructing long or wide shelves in cabinets or closets.

> Veneer Core: Veneer Core plywood consists of a center veneer core and crossband veneers alternately layered on both sides of the center to the desired thickness producing an odd number of veneers for the core. The weight-bearing strength of Veneer Core plywood is excellent along with its bending strength and screw-hold ability. Veneer Core panels are lighter in weight than any other core type.

Veneer Core Plywood Core Grades

- 3/4" A-3 and 5x8
- 3/4" 4x10 B-2 and C-2
- 1/2" A-1, B-2 and C-3
- 1/4" B-2 and B-4
- 1/4" A-4 and A-5
- 1/8" A-4 and B-2
- 1/2" A-2, A-4 and C-4
- 1/4" B-2 and B-4
- 1/4" A-4 and B-2
- 1/8" A-1, A-2 and B-2
- * 3/4" B-2 and C-2
- Plain Sliced Faces
- Veneer Core and MDF Core
- Rotary Cut (Whole Piece) Faces
- Plain Sliced Faces
- Veneer Core and MDF Core
- White & Natural Maple, Pre-Finished
- 1/4” B-2 and B-4 Beaded
- 1/4” A-1, A-4, B-2, B-4 and C-4
- 1/4” 4x10 B-4
- 1/2” A-1, B-2, B-4 and C-3
- 3/4” A-1, B-2, C-2 and D-3
- 3/4” 4x10 B-2 and C-2
- Rotary Cut (Whole Piece & Spliced) and Plain Sliced Faces

Pine, Knotty

- 1” A-4, B-2, C-4
- 1/2” B-2 and C-2
- Plain Sliced Faces
- Veneer Core and MDF Core

Poplar

- 1/4” 4x10 B-2
- 1/2” B-2
- 3/4” B-2
- Rotary Cut (Spliced) Faces
- Veneer Core

Sapele

- 1/4” A-4 and B-1
- 1/2” A-1
- 1/4” A-4 and A-5
- 3/8” A-1
- Plain Sliced and Quarter Sawn Faces
- Veneer Core and MDF Core

Walnut

- 1/4” A-4, B-2, and B-4
- 1/2” A-2, A-4, B-2, and C-4
- 1/4” B-2 and C-2
- 3/4” A-4 and B-2
- Plain Sliced Faces
- Veneer Core and MDF Core

Plywood Core Types

- Hardwood plywood manufacturers plants on both the west and east coasts; therefore, core species is not a preference by manufacturer and is truly dictated by geographic species availability.

Some hardwood plywood experts put the two top core species to the test. The results are in the chart below:
DOMESTIC PLYWOOD GRADE RULES

<table>
<thead>
<tr>
<th>Face Grades</th>
<th>A Grade</th>
<th>B Grade</th>
<th>C Grade</th>
<th>D Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beech, European Steamed</td>
<td>5.2mm A-2</td>
<td>12mm A-2</td>
<td>18mm A-1</td>
<td>Plain-Sliced, Veneer Core</td>
</tr>
<tr>
<td>Birch, White: TigerLITE &amp; TigerPLY</td>
<td>12mm C-2 TigerLITE</td>
<td>18mm C-2 TigerLITE</td>
<td>18mm C-2 TigerPLY</td>
<td>Birch face and back veneer panel constructed with a 9 ply Plantation Kiri Core. 46 lbs. per 18mm panel.</td>
</tr>
<tr>
<td>Birch: Steamed</td>
<td>5.2mm C-2</td>
<td>12mm C-2</td>
<td>18mm C-2</td>
<td>Plainsliced, Veneer Core</td>
</tr>
<tr>
<td>Birch, White: TigerPLY Edge Core</td>
<td>12mm C-2</td>
<td>18mm C-2</td>
<td>TigerPLY Edge Core was specifically developed for &quot;exposed edge&quot; applications, like drawer sides. The core is virtually void-free with no overlapping, producing an attractive exposed edge.</td>
<td></td>
</tr>
<tr>
<td>Cherry: Pre-Finished</td>
<td>5.2mm C-2</td>
<td>12mm C-2</td>
<td>18mm B-1 &amp; B-2</td>
<td>Plain-Sliced, Veneer Core</td>
</tr>
<tr>
<td>Cherry</td>
<td>5.2mm B-2</td>
<td>12mm B-2</td>
<td>B-2 &amp; C-2 Grades</td>
<td>B-2 &amp; C-2 Grades</td>
</tr>
<tr>
<td>Hickory</td>
<td>12mm B-2</td>
<td>18mm B-2</td>
<td>Plain-Sliced, Veneer Core</td>
<td></td>
</tr>
<tr>
<td>Mahogany (Khaya)</td>
<td>5.2mm A-1 &amp; B-2</td>
<td>18mm A-1</td>
<td>Plainsliced, Veneer Core</td>
<td></td>
</tr>
<tr>
<td>Maple, White</td>
<td>5.2mm B-2</td>
<td>12mm B-2 &amp; C-2 (Raw &amp; UV15)</td>
<td>18mm B-2 &amp; C-2 (Raw, UVLVS &amp; UV2S)</td>
<td>Rotary Cut, Whole Piece Face, Veneer Core</td>
</tr>
<tr>
<td>Meranti</td>
<td>2.7mm Overlay &amp; Better Grade</td>
<td>12mm Overlay &amp; Better, BCC &amp; PBB/CC Grades</td>
<td>18mm BCC/CC Grade</td>
<td>Veneer Core</td>
</tr>
<tr>
<td>Oak, Red</td>
<td>5.2mm A-3, B-2, B-4 &amp; F/D Pass Grades</td>
<td>12mm B-2 &amp; C-2 Grades</td>
<td>18mm B-2 &amp; C-2 Grades</td>
<td>Rotary Cut, Whole Piece &amp; Plain Sliced Faces, Veneer Core</td>
</tr>
<tr>
<td>Okoume</td>
<td>5.2mm BB/C</td>
<td>12mm BB/C</td>
<td>15mm BB/C</td>
<td>Veneer Core</td>
</tr>
<tr>
<td>Pine, Radiata</td>
<td>6mm A-C</td>
<td>11/32&quot; Beaded 2&quot; OC</td>
<td>9mm A-C</td>
<td>12mm A-C</td>
</tr>
<tr>
<td>Poplar, White &amp; Natural Maple, White Birch, and White Poplar Face. These Italian Poplar core panels are superior to Domestic Poplar Core Panels when you are comparing panel weights and consistency from panel to panel. The Calibrated core is virtually void-free and is available in sizes that are 1/8&quot; oversize. Italian Poplar Core panels are approximately 20% lighter than domestic poplar core panels that are produced with domestic thickness specs.</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Poplar-European Poplar Core Panels</td>
<td>Available with White Maple, Natural Maple, White Birch, and White Poplar Face. This Italian Poplar core panel is superior to Domestic Poplar Core Panels when you are comparing panel weights and consistency from panel to panel. The core is virtually void-free and is available in sizes that are 1/8&quot; oversize. Italian Poplar Core panels are approximately 20% lighter than domestic poplar core panels that are produced with domestic thickness specs.</td>
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</table>

EPA FORMALDEHYDE RULES

The EPA has proposed 2 sets almost protecting the public from risks associated with formaldehyde exposure. The first proposal would implement emission standards and would apply to hardwood plywood, medium-density fiberboard, particleboard, and finished goods containing these products that are for sale in the U.S. The second proposal would establish third-party certification programs to ensure that the panel manufacturers comply with the formaldehyde emission limits.

First Proposed Rule: Formaldehyde Standards for Composite Wood Products Act Implementing Regulation

As required by the law, the first proposal sets limits on how much formaldehyde may be released from composite wood products, including hardwood plywood, medium-density fiberboard, particleboard and finished goods containing these products, that are sold, supplied, offered for sale, manufactured, or imported in the United States. It also includes protective yet common-sense exemptions from some testing and record keeping requirements for products made with no-added formaldehyde resin. This proposal includes additional implementing provisions for:

- Laminated products
- Testing requirements
- Product labeling
- Chain of custody documentation, and other record keeping requirements
- Enforcement
- Product inventory sell-through provisions, including a product stockpiling prohibition

Second Proposed Rule: Third-Party Certification Framework

The law also requires the establishment of a third-party certification program to ensure that composite wood panel producers comply with the established emission limits. Under the proposed framework, third-party certifiers (TPCs) would be required to apply to EPA-recognized accreditation bodies who would verify the certifiers’ ability to ensure that panel producers comply with the formaldehyde emission standards. Under this rule, TPCs would audit composite wood panel producers and verify compliance with the formaldehyde emission standards. TPCs would be responsible for activities such as:

- Regularly auditing composite wood panel producers
- Conducting and verifying formaldehyde emissions tests
- Ensuring that panel producers’ quality assurance/quality control procedures and testing complies with the government regulations

IMPORT PLYWOOD GRADE RULES

Indonesian/Malaysian Grade Rules

EI Grade
Free of Defect, very similar characteristics to an ANSI/HPVA Y Grade.

BB Grade
Smooth, tight cut, full length veneer. Natural characteristics of the wood such as pin knots, sound burls, color streaks and spots are allowed. Dead knots, stain and internal streaks, decay, open splits, rough cut, torn grain, symmetrical patches are not allowed.

CC Grade
Natural characteristics of the wood are allowed. However, in comparison to the "BB Grade" the following characteristics are permitted: Color, dead knots and rough cut (not polished), and knot holes (max. 0.4"").

OVL Grade
Overlay and Better Grade. In addition to BB and CC grade, OVL may contain dead knots and knot holes (if well putted), stain and mineral streak, hairline split (max. 0.2"), rough cut and torn grain.

NOTE: The BB and CC grades are usually combined and marketed as a BB/CC panel.

Chinese Grade Rules

B/C or B/2 Grade
Fairly uniform in color with slight contrasts allowed. Small conspicuous burls and pin knots allowed with a minimum number of scattered sound or repaired knots. Both faces are typically sanded smooth. The "C" back grade is typically more on the C minus to D grade or compatible to a #1 and #2 grade back made on ANSI/HPVA standards.

C/D or C/2 Grade
A larger color contrast is allowed. There are a unlimited number of conspicuous burls and pin knots and greater quantity of scattered sound and repaired knots allowed. "Blended Repaired" is allowed whereby splits in the veneer will be repaired with color matched putty. The "B" back grade is typically more on the D minus grade or compatible to a #2 and #3 grade back made on ANSI/HPVA standards.

D/E or D/3 Grade
All defects permitted by C grade will generally be allowed on D grade. More sound and dark pin knots, repaired knot holes, longer putty repaired knot holes, and longer hairline splits (max. 12") are allowed. Large panel sizes and tongue & groove (5/8th and thicker) are allowed in excess of 1/8". Larger panel sizes and tongue & groove (5/8th and thicker) panels are available through special order.

NOTE: The majority of these panels are laid up on a Chinese Poplar core. IT IS VERY IMPORTANT TO UNDERSTAND THE APPLICATION OF THE PANEL.

BB Grade
Typically used for high grade type applications, in lower-end case work, and for cabinet interiors in upper-end cabinetry.

B Grade
Often used for upper-end cabinetry, architectural millwork, and furniture.

C Grade
Used primarily on high-grade type applications, in lower-end case work, and for cabinet interiors in upper-end cabinetry.

D Grade
Used for non-visible cabinet parts.

NOTE: The BB and CC grades are usually combined and marketed as a BB/CC panel.

Russian (Baltic) Birch Grade Rules

B Grade
One piece sanded face with even color. No patches, veins or mineral streaks allowed.

BII Grade
One piece sanded face with generally even color. Slight pin knots and mineral streaks allowed. Open knots and defects are cut out and replaced with oval patches.

CP Grade
This is a fall down from BB with more patches on the face that may not always be matched for color. Splits less than 0.5 mm are allowed.

C Grade
Un-sanded face that allows patches, open knots and veneer splits.

NOTE: Russian Birch panels are a consistent specie throughout the panel (core and face and back veneer).

Hood Distribution stocks Prefinished Plywood Drawer sides in Import Birch Plywood and Domestic Maple Plywood. They are cut to width and edge-handled on the top edge. These Drawer Sides are available with or without the Dado for the Drawer Bottom.

> Fir, MDO
3/8" MDO 1-side, Raw (Unprimed)
1/2" MDO 1 side & 2-side, Raw (Unprimed)
3/4" MDO 1-side & 2-side, Raw (Unprimed)

Primed panels are available through special order. Medium Density Overlay (MDO) is a preferred product for sign making applications.

> Fir Plywood
15/32" A
23/32" A - 4X8 & 6X12
31/32" B
23/32" A - 4X8 & 4X10 For Treated

> Fir plywood, Marine Grade
1/4" A
3/8" A
1/2" A
3/4" A

1" A

4" veneer core full thickness panels constructed of slow growth inland Douglas Fir and Western Larch to yield fine-grained, smooth faces. All back and inner plies are a "B" grade or better and will be full length.

> MDO Plywood
1/4" MarineTech S1S & S2S
3/8" MarineTech S1S & S2S
1/2" MarineTech S1S & S2S
5/8" MarineTech S1S & S2S
3/4" MarineTech S1S & S2S
1" MarineTech S1S & S2S

MarineTech 4X8 veneer core panels are designed for rigorous marine use with superior "B" grade faces that have no open holes or defects. Panels are fully sanded with 60 grit paper (S1S – sanded one side, S2S – sanded both sides). These panels feature Plum Creek’s High-Integrity Ultra-Care construction that provides composited cross bands for tight core gap tolerances that are more stringent than APA and industry specs. One side panels have a high “C” grade back to provide minimal knot holes and splits. Two side panels have a “B” grade back to provide no open knot holes or defects. Interior cores are one piece high “C” grade. Larger panel sizes and tongue & groove (5/8th and thicker) panels are available through special order.

For more information visit: www.plumcreek.com

> BoatPly
1/4" 4x8 BoatPly VC S1S & S2S
3/8" 4x8 BoatPly VC S1S & S2S
1/2" 4x8 BoatPly VC S1S & S2S
5/8" 4x8 BoatPly VC S1S & S2S
3/4" 4x8 BoatPly VC S1S & S2S

4"x10 BoatPly VC S1S & S2S

1" 4x8 BoatPly VC S1S & S2S

BoatPly was developed by Hood Distribution and Roseburg Forest Products for use in industrial applications for the Marine Industry. BoatPly uses Doug Fir or Radiata Pine 1-piece pieces that have no open knots or defects. The panels are fully sanded with 60 grit paper. The core uses a High “C” grade veneer with tight gap tolerances. The Backs use a “C” grade veneer with no more than dime size defects that have been repaired with wood putty. This panel uses more stringent tolerances than APA grade rules for superior strength in the Marine Construction industry.

> Meranti Plywood, Marine Grade
6mm Aquatek
9mm Aquatek
12mm Aquatek
18mm Aquatek

Aquatek is a multi ply marine plywood where both the face and inner plies are constructed of whole piece, color matched, Meranti veneers. This panel is manufactured to the British Standard 6566 (BS 6566). The use of slightly thicker core veneers allows this panel to be competitively priced while still being produced to a British Marine plywood standard. Aquatek has good machining, nailing and screw holding properties and is easily stained and glued.

> Okoume Plywood, Marine Grade
6mm Marine 1088
9mm Marine 1088
12mm Marine 1088

In materials, the BS 1088 specification is a marine plywood spec that applies to plywood produced with untreated tropical hardwood veneers that have set a level of resistance to fungal attack. The plies are bonded with WBP glue which has been proven to be highly resistant to weather, micro-organisms, cold and boiling water, steam and dry heat. Face and core requirement are stringent and the moisture content of the panel must be between 6% and 14% when it leaves the factory. Although the initials BS are for “British Standard”, the finished product does not have to be “British made”. The standard is associated with Lloyd’s of London since it performs testing of products to this standard.

> Cabinet Liner
5.2mm Liner 1-side
12mm Liner 1-side & 2-side
5mm Liner 1-side & 2-side
18mm and 3/4" (Domestic) Liner 1-side & 2-side

The panels primarily utilizing a high quality, and easier to fabricate than traditional methods. For more information visit: www.kaerflona.com

Pine (Southern Yellow) Plywood, T1-11
5/8" 8’ & 12’ On Center Grooves, Premium Grade

Great for shed and out-building applications.

Kerfline
A full line of patented bendable substrates, lightweight structural panels and architectural panels. These products allow for the creation of numerous designs that open the opportunity to produce curves and innovative products as vast as your imagination. For more information visit: www.hooddistribution.com

www.hooddistribution.com is a complete online resource of products and technical knowledge for woodworking professionals. Visit our website for an overview of the technical primer along with systems and descriptions of our products.
KIREI PANELS

> Kirei Bamboo Panels: Kirei Bamboo is an eco-friendly material with a variety of available finish looks, Natural finish or Carbonized finish. Bamboo is a rapidly renewable, sustainable resource, manufactured with low or no-added urea formaldehyde adhesives. This product contributes to LEED Environmental Quality credits.

Available in 4x8 sizes and the following thicknesses: 1/4", 1/2" & 3/4". A Zebra finish is also available. Alternating bamboo strips between Natural and Carbonized to give the Zebra look.

> Kirei Wheatboard: Your solution to a non-formaldehyde emitting wood product. Kirei wheatboard works like MDF, but contains renewable resource material and non-toxic adhesives. This product contributes to LEED credits for Materials & Resources for recycled content and Indoor Environmental Quality for Low emitting adhesives along with the Rapid Renewable Resource credits.

STARBORD BY KING PLASTICS

> Starbord ST: The ST board is a special, high density polyethylene sheet that provides a scratch resistant surface that is 25% stronger than the original Starbord. Designed for an outdoor kitchen application. Available in eight standard colors: Black, White, Evergreen, Seafoam, Mocha Brown, Sanshade, Everglade, and Dolphin Gray. All stocks sheets are 54" x 96" in standard thicknesses, ¼", ½", and ¾". Other sizes and special colors are available through special order.

Starbord ST is readily available in 1/4", 1/2", and 3/4" STx144 Square Edge sheet sizes and eight standard colors (Black, White, Evergreen, Seafoam, Mocha Brown, Sanshade, Everglade, and Dolphin Gray). Other thicknesses, sheet sizes and specialty colors are available through special order.

> Antimicrobial: King MicroShield™ provides protection against microorganisms, such as bacteria, algae, and fungi. When these cells come in contact with the surface, they are destroyed on contact. These panels are available through special order.

The antimicrobial technology is available through special order and can be added to many of the standard King Plastic products.

Available in 4x8 panels in the following thicknesses: 1/2" & 3/4".

> Kirei Board: This is a lightweight, durable, environmentally friendly substitute for wood. Used in furniture, cabinetry, casework, and wall panels. Kirei board is produced from reclaimed sorghum straw and no-added formaldehyde adhesive. Kirei Board contributes to LEED credits for Materials & Resources for Recycled content and Rapidly Renewable resources and LEED credits for Indoor Environmental Quality for Low-emitting adhesives.

Available in the following sizes:
6mm x 12" x 12" 
10mm x 3' x 3' 
20mm x 3' x 3' 
30mm x 3' x 3'

ColorCore & ColorBoard: King ColorCore® is multi-layered, enabling each layer to contain a different color. These sheets are intended for signs and playground equipment due to the contrast of colors as you machine into each layer. ColorBoard is also intended for industrial outdoor use and signs. ColorBoard in a high density polyethylene available in a variety of bright colors and sheet sizes.

ColorCore and ColorBoard are available through special order in a variety of colors, thicknesses, and sheet sizes.

> Plasti-Bal Partitions: Kirei Plasti-Bal® is heavy duty, waterproof, aesthetically attractive, graffiti resistant and easy to clean. This board is designed for bathroom partitions, vanity countertops, benches, and shower enclosures. Available in seventeen colors and sheet sizes of 1" x 55.5" x 144" and contribute toward LEED credits.

Plasti-Bal is available through special order in seventeen colors and sheet sizes of 1" x 55.5" x 144". All these products contribute towards LEED credits in LEED for new construction, LEED for commercial interiors, LEED for homes, LEED for schools and Green Guild for Health Care.

For more information visit: www.kingplastic.com

> Hardboard
1/8" Tempered & Tempered painted white 1-side 
1/4" Tempered

> Particleboard, Industrial Grade
1/2" – 49x97
5/8" – 49x97
1-1/2" – 49x97, 49x121, 61x67
3/4" – 49x73, 49x97, 49x109, 49x121, 61x67, 61x121
1" – 49x97, 61x67, 61x97, 61x145

> Countertop Material
3/4" – 25x73, 25x97, 25x121, 25x145, 30x121, 30x145, 36x97, 36x121, 36x145

> Shelving
3/4" – 12x14, 16x144 Square Edge
Particleboard carries an average density of 49 lbs per cubic square foot. CARB Phase I & II, No-added Urea Formaldehyde (NAUF), Moisture Resistant (MR), Fire Rated (FR), and Forest Stewardship Council (FSC) Certified specifications can be met upon request.

> Medium Density Fiberboard (MDF), Industrial Grade
1/8" – 49x97
1/4" – 49x97 Beaded 1.5" OC
1/4" – 49x97 G15 Painted White
1/4" – 49x97, 61x97
3/8" – 49x97, 61x97
1/2" – 49x97, 49x121, 61x97, 61x121
5/8" – 49x97, 49x121, 61x97, 61x121
1-1/4" – 49x97, 49x121, 61x67, 61x145
3/4" – 49x97, 49x121, 49x145, 61x121, 61x145
15/16" – 49x97, 61x97
1" – 49x97, 61x67, 61x121
1-1/8" – 49x97, 61x97
1-1/4" – 49x97, 61x97

MDF carries an average density of 49 lbs per cubic foot. CARB Phase I & II, No-added Urea Formaldehyde (NAUF), Moisture Resistant (MR), Fire Rated (FR), and Forest Stewardship Council (FSC) Certified specifications are stocked in many of our locations.

> MDF, Double Refined (Door Grade)
1/2" – 49x97, 61x97
5/8" – 49x97, 61x97
3/4" – 49x97, 61x97

Door grade MDF is designed specifically for painted and blander pressed doors for the cabinet door industry. Quality standards on this product ensure better machinability with no raised fibers. This is achieved by a more uniform density throughout the board with a flatter profile.

> MDF, Light & Ultra Light
1/2" – 49x97, 49x121
5/8" – 49x97, 49x121
3/4" – 49x97, 49x121
1" – 49x97

Light weight MDF carries an average density of 34 lbs per cubic foot. It is specifically engineered for weight sensitive applications. The product provides a smooth, flawless surface, and a smooth density profile. Light weight MDF is an ideal choice for millwork and laminating applications where finished product weight is a concern.

> MDF, Exterior (EXTRA)
1/2" – 49x97, 25x194
3/4" – 49x97, 49x194
1" – 49x97
1 1/4" – 49x97

EXTRA panels are sanded two sides for a smooth, unprimed surface that is moisture, rot, and termite resistant. This product is manufactured from sustainable materials and is no-added urea formaldehyde (NAUF). EXTRA is backed by a 5-year limited warranty and can be used for virtually any non-structural paint grade application including exterior millwork, door and window parts, signage, garage doors and other architectural components.

For more information visit: www.extira.com

> MDF, Shelving
3/4" x 1-1/16" x 1-4/5" – Raw & White Redi-Shelf
3/4" x 1-1/16" x 1-4/5" – Raw
3/4" x 1-15/16" x 1-4/5" – White Redi-Shelf
3/4" x 1-15/16" x 1-4/5" – Raw

> Melamine, Thermally Fused
1/4" – 49x97
1/2" – 49x97
5/8" – 49x97, 61x97
3/4" – 49x97, 61x97, 61x109
1" – 49x97

Thermally fused melamine is readily available in White, Antique White, Almond, Light Grey, Dark Grey, Black, Hard Rock Maple (Cabinet Maple), Pearwood, and Executive Cherry (Traditional Cherry). Special colors/patterns and panel sizes are available through special order. NAUF, NF, FSC, and Fire Rated Melamine is stocked at many of our locations. Requests for cold rolled melamine panels can also be accommodated through special order. Vinyl and PVC edge banding are available to match all of our melamine paper colors.

> Melamine, Paintable
3/4" x 1-1/16" x 1-4/5" – Raw & White Redi-Shelf
3/4" x 1-1/16" x 1-4/5" – Raw
3/4" x 1-15/16" x 1-4/5" – White Redi-Shelf
3/4" x 1-15/16" x 1-4/5" – Raw

> MDF, Paintable Paint grade application including exterior millwork, door and window parts, signage, garage doors and other architectural components.

For more information visit: www.extira.com

> MDF, Paintable 1/4" – 49x97
1/2" – 49x97
5/8" – 49x97, 61x97
3/4" – 49x97, 61x97, 61x109
1" – 49x97

> Melamine, Paintable Thermally Fused 1/4" – 49x97
1/2" – 49x97
5/8" – 49x97, 61x97
3/4" – 49x97, 61x97, 61x109
1" – 49x97

Thermally fused melamine is readily available in White, Antique White, Almond, Light Grey, Dark Grey, Black, Hard Rock Maple (Cabinet Maple), Pearwood, and Executive Cherry (Traditional Cherry). Special colors/patterns and panel sizes are available through special order. NAUF, NF, FSC, and Fire Rated Melamine is stocked at many of our locations. Requests for cold rolled melamine panels can also be accommodated through special order. Vinyl and PVC edge banding are available to match all of our melamine paper colors.

For more information visit: www.extira.com
MDF MOULDING

Harmony Mouldings are made from the finest Medium Density Fiberboard (MDF) and available in a wide variety of profiles featuring quality vacuum coated primers. Unlike traditional wood mouldings, MDF is free of splits, knots and torn grain. Harmony Mouldings will not warp or twist. For more information and to view profile drawings of the available profiles, please visit: [tlcmouldings.com](http://www.tlcmouldings.com)

*Stocking profiles vary by market.

DIMENSION LUMBER

> Clear Radiata Finger-joint Pine 4x5

All 14 long

Unfinished

1"x2" thru 1"x16" Primed

1"x2" thru 1"x16" 1"x2" is available in 20 foot lengths also

>C&Btr Southern Yellow Pine

1"x4" thru 1"x12" S4S available in 8-16' lengths

1"x6" thru 1"x12" Rough Cut

2"x4" thru 2"x12" Rough Cut

>A2, A3, & A4 Southern Yellow Pine

1"x4" A2 S4S available in 10-14' lengths

1"x4" A3 S4S #3

2"x4" S4S 8, 10, 12, #3 & #4 grades

2"x6" S4S

4"x4" S4S & #3 and #4 grades

*Note: Leg Cabin Siding also available in 2"x6"x14" span.

MILLED LUMBER

>S4S Boards, Cypress and Hardwoods

1"x4" thru 1"x12", Random Length S4S Available in Poplar and Cypress

1"x4" thru 1"x14", Random Length S4S Available in All Other Domestic Hardwood Species

>Cabinet Facing

10'/6" x 1"/2" thru 3" Random Length Hardwood S4S Available in Alder, Cherry, Maple, Poplar, and Red Oak

MILLING CAPABILITIES

>Custom Moulding

In 2015, Hood Distribution is adding a Moulding Machine to our rough mill in the Mobile, AL location. This addition will support many of our branches for custom moulding, patterns, and S4S. With this addition comes a knife grinder, giving Hood Distribution the ability to match most custom profiles. Hood Distribution's location near Boston runs a Timber Sizing operation. This mill is ideal for cleaning up weathered timbers or any type of timber frame construction. The Timber Sizer also gives Hood the ability to manufacture a square edge Tongue-and-Groove for roof, ceiling, and floor decks.

Also, in this milling operation, Hood uses an Oakey 30" Model Closet with 16" x 16" capacity. This computer controlled thin-kerf technology allows Hood to accurately produce clean timber surfaces and manufacture bevel siding.

Hood's vast inventory of Douglas Fir and Cedar Timbers in the New England branch gives us the ability to mill any type of timber-frame construction. The Timber Sizer also gives Hood the ability to manufacture a square edge Tongue-and-Groove for roof, ceiling, and floor decks.

Hood Distribution's Milling operations gives us the ability to support our customers in a variety of products: from custom interior & exterior moulding to stock patterns & bevel siding to custom sized timbers and T&G decks.

Hood Distribution's investment in Milling Operations gives us the ability to support our customers in a variety of products: from custom interior & exterior moulding to stock patterns & bevel siding to custom sized timbers and T&G decks.
DEERWOOD FASTENERS

Deerwood Fasteners is the leading supplier of high-quality fasteners manufactured exclusively for woodworking applications. Products include Hinge and Hardware Screws in a variety of finishes, Zip Drivers (Self-Drilling, Self-Countersinking Assembly Screws), Painted Head Cabinet Installation Screws, Face Frame Screws, Drawer Front Adjuster Screws and much, much more. These fasteners are available in multiple recess types with Phillips and Robertson Square being the most widely used.

Additional features of Deerwood fasteners are as follows:

- **Heat Treating:** Critical in ensuring that a fastener functions properly. Deerwood’s fasteners are manufactured against rigorous specifications and torque tested at the factory and again at the warehouse.

- **Nibs:** Self-countersinking ribs are added under the screw head to carve away the material as the screw is driven in.

For more information visit: [www.deerwood.com](http://www.deerwood.com)

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TITEBOND WOODWORKING GLUES

Franklin Adhesives has been the leader in bonding wood and wood products for 65 years under the Titebond brand. Titebond has continuously invested in research and development to bring improved and innovative products to market over the years. Titebond is the professional’s choice, making it an easy choice for Hood Distribution to offer this product to our customers.

- **Titebond Original:** This is the industry standard for woodworking adhesive. Original provides a strong initial tack and fast set-up time to help reduce clamp time, producing a bond stronger than the wood itself. Titebond Original is Non-toxic and cleans up with water.

- **Titebond II:** The industry standard for woodworking adhesive. Titebond II Premium is ideal for Hot Press and radio frequency gluing systems. Titebond II is readily available in 1 gallon and 5 gallon sizes.

- **Titebond III Ultimate:** This is the first one-part, water cleanup wood glue offered that has proven to be waterproof. The waterproof formula passes the ANSI/HPVA Type I water-resistance specification. The ultimate in wood glues, Titebond III is ideal for interior and exterior applications.

- **Titebond Melamine:** Melamine glue is designed for bonding with Particle Board, MDF, and other porous substrates. It offers a fast initial tack yet longer open time, allowing for the accurate alignment of working materials. Titebond Melamine glue has a thicker formulation to minimize drips for precise assemblies. Titebond Melamine Glue is readily available in 1 gallon bottles.

For more information visit: [www.titebond.com](http://www.titebond.com)

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NorthStar, Inc.

**Adhesives:** NorthStar Adhesives is headquartered in Cartersville GA and was founded in 1987. It is dedicated to developing a superior line of adhesives for the woodworking, RV, Marine, and Manufactured Home industries. With this vision, the company has evolved into the fastest growing gatherer producer in the U.S.

- **NS 910: Low VOC, Calif. Compliant Canister Contact Cement:** GreenGuard NS 910 is a versatile, high performance industrial contact adhesive that is water resistant and high temperature resistant up to 200 degrees F. NS 910 was designed for bonding decorative laminates to a substrate in a cost efficient manner. Available in 1 lb, 18 lb, and 175 lb cansisters along with 15 oz aerosol cans.

- **NS 915+: High Strength, High Temperature, Improved Open Time Adhesive:** Contains high solids that will increase productivity and allow faster speeds on laminating. High performance adhesive featuring high heat resistance, high solids, extremely fast drying with low odor. NS 933++ was designed for decorative laminate to a substrate and for use in Postforming due to its exceptional strength. Available in 1 gallon brush-on grade.

For more information visit: [www.northstarchemicals.com](http://www.northstarchemicals.com)

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**FACTORY FLAT-PACK, REFINISHED CABINETS**

Time is a valuable commodity and our goal is to assist you in completing your projects efficiently and on time. Therefore, Hood Distribution offers a line of flat-pack, prefabricated cabinets by special order. These cabinets can be ordered and shipped to our facilities within 7 business days. This quick ship option allows our customers to fulfill last minute cabinet orders while not interfering with the custom jobs going through the shop.

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**SPECIALTY PRODUCTS**

- **Shaker Walnut Hand Glazed:** This classic Walnut Hand Glazed Shaker cabinet brings simplicity into the traditional working kitchen. This Walnut Shaker is also standard construction.

- **Dalton Sable:** Dalton Sable brings a refined look to the affordable kitchen. Dalton Sable is rich, light and warm. These cabinets are all wood construction with plywood sides, solid wood dovetailed drawers and full extension glides.

- **Mt. Vernon Collection:** Mt. Vernon offers the bright white finish that our customers have been begging for in a flat packed cabinet. These sleek white cabinets will make your stainless steel appliances stand out. Mt. Vernon offers a finished brich interior with soft-close hardware.

- **Dalton Cocoa:** This dark, rich finish will accent the pewter cabinet hardware used in many kitchens today. Creating a warm welcome for family and friends, this finish works well in a kitchen that is the center point for your family. This collection is created with all wood construction, solid dovetailed drawers, and soft-close hardware.

- **RiverRun Multi-Unit Cabinet:** RiverRun Multi-Unit Cabinet: RiverRun offers a commercial division for projects that require a low cost option for repetitive, multi-unit projects. All cabinets are special ordered on a job by job basis and a one-week lead time.

For more information visit: [www.riverruncabinetry.com](http://www.riverruncabinetry.com)
### Lineal Foot to Board Foot Conversion Table

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<th>Board Feet (Multiplier)</th>
<th>Reciprocal (Divisor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’</td>
<td>.5</td>
<td>2</td>
</tr>
<tr>
<td>5’</td>
<td>.625</td>
<td>1.6</td>
</tr>
<tr>
<td>6’</td>
<td>.75</td>
<td>1.33333</td>
</tr>
<tr>
<td>7’</td>
<td>.875</td>
<td>1.1429</td>
</tr>
<tr>
<td>8’</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>9’</td>
<td>1.125</td>
<td>.88889</td>
</tr>
<tr>
<td>10’</td>
<td>1.25</td>
<td>.8</td>
</tr>
<tr>
<td>11’</td>
<td>1.375</td>
<td>.728</td>
</tr>
<tr>
<td>12’</td>
<td>1.5</td>
<td>.66667</td>
</tr>
<tr>
<td>13’</td>
<td>1.625</td>
<td>.61539</td>
</tr>
<tr>
<td>14’</td>
<td>1.75</td>
<td>.57143</td>
</tr>
<tr>
<td>15’</td>
<td>1.875</td>
<td>.53333</td>
</tr>
</tbody>
</table>

Multiply the total lineal feet for the appropriate dimension by the factor next to the width of the board, or divide the total lineal feet by the reciprocal of the factor.