



Hood Distribution

McEwen Group

Product Listing: *Volume Four*



*“Over 100 Years of Experience
in Bringing Wood Products to You.”*



www.HoodDistribution.com


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 mouldings, 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 specie 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 specie 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 specie 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.



**winner
of the Sequoia New
product Award at the 2011
AWFS convention
in Las Vegas**

(Eucalyptus grandis) Red Grandis is a fast-growing, sustainable hardwood that offers an ecological alternative to tropical hardwoods. Versatile and strong, this beautiful hardwood is plantation grown with a 20-year harvest cycle and is FSC-certified.





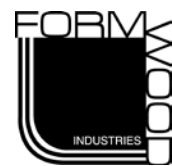
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FORMWOOD INDUSTRIES



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 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 versatility, nothing compares to the natural beauty of paper-backed, premium matched hardwood veneer. Each sheet is tenderized 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 wood-backed products. NBLs patented 3-ply construction produces an extremely pliable, moisture-resistant sheet without the black edge associated with phenolic and foil backers.

> **Duraback Hardwood Veneer:** DuraBack™ is extremely bendable, unlike standard laminate backers. DuraBack™ hardwood veneer can be pre-finished, and may be used where solvent-based adhesive restrictions require woodworkers to use water-based glues.

> **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 adhesives, 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-jointing the veneer. The rolls are laminated with fleece, then sanded and slit to 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.

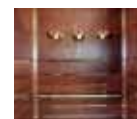
> **Pre-glued Fleece Backed Veneer Edgebanding:** 13/16" x 250' rolls with a thickness of .034" (based on .012 of hot melt) sanded to 180 grit.

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.

> **Pre-finished Automatic (Non-Glued) Veneer Edgebanding:** 7/8" x 500' rolls with a thickness of .020". Standard "satin" finish clear coat with 1.5 mils in coverage. Three species (Maple, Cherry, Red Oak) are available.

CUSTOM ARCHITECTURAL PANELS

A state of the art plywood facility is available to laminate high-quality veneer to a myriad of substrate offerings. 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 flitch matching create a similar look.

> Balance match and center-balance match are ideal for continuity in wall panels.

> End-matching 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
- Fire-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 Kirchleingern, Germany. This is where ideas are born for furniture fittings we shape 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 bring movement, safety and convenience to cabinets, continuing to do so after 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 frameless 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. From lightly laden cutlery drawers 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 Quadro (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:



MultiTech is the single-wall steel profile system for drawers that feature variable drawer widths, five drawer heights (2-1/8", 3-3/8", 4-5/8", 6" & 8-3/8"), 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.



Inno Tech 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 individualizing just one basic drawer: Decorative profiles, railings, DesignSides, TopSides, interior organizers. Partial or full-extension runners with a loading capacity up to 70 kg (150 lbs). The System features variable drawer widths, no bottom panel machining, toolless assembly/disassembly and convenient front panel adjustment. Versatility with lean logistics and production.

The Inno Tech System is readily available in drawer lengths of 10-1/4", 13-3/4", 16-1/2", 18-1/2" & 20-1/2".

Intermat Hinges:



Intermat is sophisticated hinge technology that is maintenance free, robust, quiet and reliable. Its external appearance indicates quality. Long service life and great ease of use round off the hinge profile. The Intermat features a concealed latch that is simple, safe and reliable as well as an eccentric depth 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 Intermat 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 almost by itself. 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 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 5300 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 325lbs 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>

GARNICA PLYWOOD

Innovating Sustainable Solutions

Hood Distribution has partnered with Garnica Plywood, an innovative panel manufacturer to produce a lightweight Poplar plywood that is competitively priced from the forest lands of Spain and France. These state-of-the-art facilities are producing panels that are 15% lighter than North American manufactured panels while conforming to ANSI grade standards. These panels are definitely making a call to be the Next Generation of Hardwood Plywood.



> Pluma-Ply, Poplar Core and Poplar Faced Panels: This all Poplar plywood is available in thicknesses from 1/8" to 1-1/2" and sizes of 48.5" wide x 96.5" long and 120.5" long.

The calibrated Poplar panels have the most consistent thickness of any imported or domestic veneer

core panels available on the 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.

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.



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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 core eliminates the "telegraphing" effect that we find in most other core options for hardwood faced plywood.



> Pluma-Ply with Birch Faces:

These White Birch whole piece faced panels 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 J-grade cores produce the flatness desired in the construction of high-end cabinets, casework and furniture.

Visit www.garnicaplywood.com for more information on these panels.



Alder

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

Cabinet Grade

Premium Frame/Rustic Grade

Superior One Face

Superior Grade

Alder is concentrated in and cut from the Western faces of the Cascade Mountains in the states of Washington and Oregon. 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.

Ash

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

FAS1F

#1 Common

Ash is typically sorted and purchased to be "white" 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

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

Select & Better

#1 Common

Basswood is very light in weight and roughly half the density of Oak. It is known for its work ability 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

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

Select and Better

#1 Common

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.

Cedar, Aromatic Red

4/4 #1 Common

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

STD/BTR S1S2E Boards

Cedar Timbers

Bevel Siding

Shakes & Shingles

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.

Cherry

4/4, 5/4, 6/4, 8/4, 10/4,

12/4 & 16/4

Select and Better

#1 Common

The finest Cherry is grown and sawn in the Northeastern portion of the United States. Cherry is very easy to machine and finishes very nicely. It has a tight, slightly swirling but unassuming grain. The more desirable heartwood is reddish brown in color while the sapwood has a light yellow shade. Cherry has long been a leading choice among the cabinet and furniture industries.



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

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

Select & Better

#2 Common

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

Yellow Cypress is light tan in color and sometimes carries an 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 fencing.

Fir, Douglas

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

Mixed Grain or Vertical Grain

C & Better

Available S4S or Rough

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 is naturally dimensionally stable, 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.

Hickory

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

FAS1F


#1 Common

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.





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)
Select & Better



Maple, Soft
4/4, 5/4, 6/4, 8/4, 10/4, & 12/4
Select & Better
#1 Common
(Ask about Figured Maple also available)

Soft Maple possesses many of the same general characteristics as Hard Maple. However, it is not nearly as dense or strong. Soft Maple is medium in density with a fine texture and close grain. It has excellent machining and finishing properties. The heartwood varies from pale to reddish gray and the sapwood is white to off white. Soft Maple is predominately used in the construction of cabinetry and in the manufacture of a wide variety of moulding profiles for both paint and stain applications.




Oak, Red
4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4
Appalachian, Southern, & Northern stock
FAS1F
#1 Common
(Quarter Sawn & Rift Sawn also available)

Red Oak is one of the better known and most widely used species of wood in the United States. Red Oak is very hard; however, it machines, stains, and finishes quite well. The open grain of Red Oak often does not require filling as part of the finishing process. Red Oak varies in color from light pink to light red. It has been a top choice in the cabinet and furniture industries for years.




Oak, White
4/4, 5/4, 6/4, 8/4, 10/4, 12/4, & 16/4
FAS1F
#1 Common
(Quarter Sawn & Rift Sawn also available)

White Oak is the more 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.




Pecan
4/4, 5/4, 6/4, & 8/4
FAS1F
#1 Common
Pecan is a medium density hardwood with a closed grain that possesses a nice appearance in both clear and stain finishes. It is light tan to reddish brown in color. Pecan has grown in popularity as a choice in the hardwood flooring industry. It has also long been a choice for fine furniture and cabinetry.



Pine, Eastern White
4/4, 5/4, 6/4, & 8/4
Furniture Grade (Knotty)
C & Better
1x4 thru 1x12 S4S
Standard & Premium
D & Better
Clear Finger-joint

Eastern White Pine is 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
1x12 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.




Pine, Southern Yellow
1x4 thru 1x12 S4S
C & Better & #2 Grade
2x6 thru 2x12 S4S
C & Better
Pattern Stock –
D & Better & #2 Grade
KDAT Boards & Dimension –
C & Better
4/4, 5/4, 6/4, & 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 into tongue and groove flooring, beaded ceiling, and bevel siding profiles.



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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.

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.

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.



University of Mississippi (Ole Miss) Law School: Advanced Manufacturing in Memphis, TN supplied the superior, majestic woodwork while Hood distribution supplied the Rift Cherry lumber and panels for this FSC Certified jog





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 similar to Lauan; however, it does not finish as well due to the coarseness 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.



Beech, European Streamed

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

Superior Grade

Superior 1 Face

Cabinet Grade

European Beech is normally white, pale cream or pale brown and is steamed to relieve drying stresses while also bringing out a pinkish-red color. Beech has a fine, even texture and is relatively dense and easy to machine. The specie responds very well to sanding and finishing and promotes a resistance to wear. "It is often used as a substitute for Alder and other more expensive species. Beech is commonly used for cabinetry, furniture, and flooring.



Birch, Russian

4/4 & 8/4

Select Grade

#1 Common Grade

Russian Birch (known as Baltic Birch as well) is a fine grain hardwood with white sapwood. Its even texture takes stains very well so finished products could range from natural to any color. Russian Birch lumber is an excellent choice for furniture, finger jointed edge glued panels, flooring, mouldings and other specialty products.



Bubinga

Special Order Item

Bubinga is a very hard and heavy 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, 5/4, 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 very 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 1x12 Eased 4 Edges

5/4 x 6" E4E

2x4 thru 2x12

4x4 Posts

Premium, Select and Comsel Ipe' is very dense and heavy and is reasonably difficult to machine. It is great 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 olive 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 boardwalks.



Jatoba

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

Select & Better

Jatoba is a very hard and durable wood with excellent shock resistance. It is oftentimes referred to as Brazilian Cherry. Jatoba is reddish brown in color with a faint golden glow. Jatoba lumber is primarily used for flooring, furniture, and tool handles.



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.



Mara Macho

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

Select & Better

Imported from Peru and Brazil, Mara Macho is easily kiln dried, but has a tendency to twist and bow. The grain has similar characteristics to Spanish Cedar, but the durability is rated low for exterior applications. Mara Macho contains medium brown color heartwood and pinkish sapwood. Said to machine easily and finish smoothly.



Red Grandis (Eucalyptus Grandis)

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

FAS1f

Premium #1 Common

The specie 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.



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 the rot resistance characteristics.



Mahogany, Genuine

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

FAS1F

Mixed Grain & Pattern Grain

Genuine Mahogany is the premier choice among the wood workers of the world. It is moderately dense. The strength factor of the specie is very high in relation to its physical weight. Genuine Mahogany is a very stable and durable wood that machines and finishes exceptionally well. It is medium reddish brown in color and dramatically darkens with age. Genuine Mahogany is extensively utilized in the furniture and cabinet industries.



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 of any 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 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 Vermillion. Padauk is light to dark red in color with contrasting streaks throughout. Padauk is primarily used as an accent wood in upper end cabinetry and furniture.



Pine, Radiata

1x2 thru 1x12 S4S

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 wood versus being sawn and distributed domestically. Radiata Pine is used extensively for mouldings, 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 raw or unsealed.



Sapele

(Great Mahogany or Spanish Cedar Substitute)

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

Select & Better Grade

Mixed Grain and Quarter Sawn

Sapele closely resembles African Mahogany in appearance, however, it is harder and heavier. The specie has an interlocking grain that is often wavy 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 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 dark chocolate to almost black in color. Wenge has long been regarded as one of the premier choices for wood flooring.



Zebrawood

4/4 Select & Better

Zebrawood is very heavy and hard and uniquely striking in its appearance. It has a coarse texture and is light gold in color with streaks of dark brown to almost black running throughout. Zebrawood is primarily used in conjunction 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 millwork customers are ordering 9'-10' long lumber for an 8' finished product? In this example, a customer can order 8' overcut lumber to make an 8' door. Each board will ship to the customer at 8'2" - 8'4" and only be charged for an 8' board, while yielding an 8' finished product.



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LUMBER GRADE RULES

	FAS	FIF	SELECT	#1 COM	#2 & 2B	#3A COM	#3B COM	FAS Limits	
Minimum Size Board	6" x 8'	Same as FAS for species being graded	4" x 6'	3" x 4'	3" x 4'	3" x 4'	3" x 4'	PITH= SM in inches	Wane in FASIFACE: FAS transmission applies to better face.
Minimum Size Cutting	4" x 5' 3" x 7'	BETTER FACE TO GRADE FAS POOR FACE TO GRADE #1 COMMON		4" x 2' 3" x 3'	3" x 2'	3" x 2'	Not less than 1 1/2" wide containing 36 sq. inches	Wane= 1/2 Length Knot= 1/3 SM	#1 Common Side: 1/3W or 1/2L Widest wane added together: Length can be on both edges.
Basic Yield	SM x 10 83-1/3%			SM x 8 60-2/3%	SM x 6 50%	SM x 4 33-1/3%	SM x 3 25%	Warp= Entire board must be flat enough to S2S to S.S.T.	Wane in Selects: Pcs. 6" & Wider FAS limitation applies to Better face.
Formula to Determine Number of Cuts	SM 4 (4 max.)			SM+1 3 (5 max.)	SM 2 (7 max.)	Unlimited	Unlimited Sound Cuttings	Splits: not to exceed 2 x SM or 12" whichever is greater.	#1 Common side: 1/3W or 1/2L Widest wane added together.
SM Needed to Take Extra Cutting	6-15' SM			3-10' SM	2-7' SM			Splits shall not diverge 1" in 12"	Length can be on both side.
Extra Yield Needed for Extra Cutting	SM x 11 91-2/3%			SM x 9 75%	SM x 8 66-2/3%			First Lineal Foot Rule: Applies to both ends of Board, to contain not over 25% unsound wood.	Pcs. 4" & 5" Wide 1/3W or 1/2L applies to both faces. Add widest wane together. Add total length of wane from both edges.
Special Yields	97% Rule -2 cuts full width any length; Pcs. 6" & wider with 6-12" SM SM x 11.64 for Yield	97% Rule On Better Face	2 + 3 SM to be 100% clear or SM x 11 in one cutting on Better Face. 97% Rule	1' SM-100% 2' SM SMx 9	1' SM SMx 8 2A Com-Clear Face Cuttings 2B Com-Sound Cuttings	2A Com on Better Face and reverse side of cuttings sound; will also qualify for 3A Com			

NOTE: This chart summarizes the main requirements for the standard grades. For complete information, consult the appropriate section of the NHLA Rule Book.

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 tangent 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 effect 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".

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.



> Rift Sawn

The technique of rift sawing is very similar to that of quarter sawing producing similar limitations and advantages. During rift sawing, the quartered log portion is turned slightly off perpendicular before cutting to not 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.



Alder

1/4" A-C, A-4, B-4 and C-C
1/2" A-C and B-2
3/4" A-2, A-C, B-2 and C-C
* 3/4" 5x8 A-4
Plain Sliced and Plank Matched Faces
Veneer Core, MDF Core and Combi Core

Ash

White and Natural

1/4" A-4, B-2 and B-4
1/2" A-1, B-1 and B-2
3/4" A-1 and B-2
Rotary Cut (Whole Piece & Spliced) and Plain Sliced Faces
Veneer Core, MDF Core and Combi Core

Aspen

1/4" (5.2mm) Good 1 Side
1/2" (12mm) Good 2 Side
3/4" (18mm) Good 2 Side
1" (25mm) Good 2 Side
Rotary Cut (Whole Piece & Spliced) Faces
Veneer Core

* A-3 and A-4 Birch back panels available at the Jacksonville location.

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, A-2, B-2, C-3 and D-3
3/4" 4x10 B-2
3/4" 5x8 A-4
Rotary Cut (Whole Piece & Spliced) Faces
Veneer Core and MDF Core

Birch, Hood Ply

White and Natural

3/4" Proprietary Grade
Rotary Cut (Whole Piece) Faces
Veneer Core

Cherry

1/4" B-4 Beaded
1/4" A-4, B-1, B-2 and B-4
1/2" A-2 and B-2
3/4" A-1 and B-2
3/4" 4x10 A-1
* 3/4" A-4 and 5x8
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

Grandis, Red

1/4" B-1, B-2, B-2 and B-4
1/2" B-1
3/4" B-1 and B-2
Plain Sliced Faces
Veneer Core and MDF Core

Hickory

1/4" A-2, A-4, B-2 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" 4x10 A-4
Plain Sliced Faces
Veneer Core and MDF Core

VENEER CUTS



> Rotary Cut

Rotary is the process of peeling the entire long. 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 only turned a few inches at a time when slicing it, versus a constant turn and peeling method used for Rotary Cut veneer. Plain Sliced veneer produces a cathedral grain pattern, similar to the pattern produced when plain sawn lumber is produced. Plain Sliced veneer is cut along the growth rings, producing the highest yield of any "slicing" method.



> Quarter Sliced

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 flake 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 flakey 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.

Maple, Hood Ply White

1/4", 1/2" and 3/4"
Proprietary Grade
Rotary Cut (Whole Piece) Faces
Veneer Core

Maple White & Natural

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
* 3/4" A-3 and 5x8
Rotary Cut (Whole Piece & Spliced) and Plain Sliced Faces
Veneer Core and MDF Core

Maple, Pre-Finished White & Natural

1/4" B-2 and C-4 UV1S
3/8" C-2 UV1S
1/2" C-2 UV1S and UV2S
5/8" C-2 UV2S
3/4" B-2, C-2 and C-3 UV1S and UV2S
Rotary Cut (Whole Piece) Faces
Veneer Core

Maple, Pre-Finished White, Hood Ply

1/4" UV1S
1/2" UV1S and UV2S
3/4" UV1S and UV2S
Proprietary Grade
Rotary Cut (Whole Piece) Faces
Veneer Core

Oak, Red

1/4" B-2 and B-4 Beaded
1/4" A-2, B-2 and B-4
1/2" A-1, B-2 and C-3
3/4" A-1, B-2 and C-3
* 3/4" B-4 and 5x8
Rotary Cut (Whole Piece & Spliced) and Plain Sliced Faces
(Rift and Quarter Sawn also available)
Veneer Core, MDF Core and PB Core

Oak, White

1/4" A-4 and B-4
1/2" B-2
3/4" A-1 and B-2
Rotary Cut (Whole Piece & Spliced) and Plain Sliced Faces
(Rift and Quarter Sawn also available)
Veneer Core and MDF Core

Pine, Knotty

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

Poplar

1/4" B-4
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
3/4" A-2
* 3/4" A-4 and 5x8
Plain Sliced and Quarter Sawn Faces
Veneer Core

Walnut

1/4" A-4, B-2, and B-4
1/2" A-2, A-4 and B-2
3/4" A-1 and B-2
* 3/4" A-4 and 5x8
Plain Sliced Faces
Veneer Core and MDF Core

FOREST 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.

METHODS OF MATCHING FACE VENEER ON PLYWOOD



> Book Match

Book matching is achieved by turning over every other veneer flitch 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.



> 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.



> Rotary

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.



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.



> **MDF Core:** Medium Density Fiberboard Core has the most uniform thickness and consistency of any panel core. The face and back veneer are glued directly to the MDF Core without the need for a crossband veneer. The consistency in thickness and flatness makes MDF Core panels the preferred choice for 32mm construction.



> **Particleboard Core:** Particleboard Core panels are constructed similar to MDF Core panels, with the face & back veneers glued directly to the core. Particleboard Core lays flat like MDF, but does not have the screw-hold strength of other cores.

Particleboard Core is the least expensive of all core types.



> **Veneer Core:** Veneer Core plywood consists of a center veneer 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

Grade Description	J Grade	K Grade		L Grade	M Grade
Thickness of Crossband Adjacent to the Faces	Any Thickness	Thicker than 1/10"	1/10" & Thinner	Any Thickness	Any Thickness
Knotholes or Other Openings Maximum Diameter	None Allowed	3/8"	3/4	1"	2-1/2"
Splits, Gaps, and Other End or Edge Openings Maximum Width: Can Only Be Visible on One Edge or End	1/8"	1/4"		1/2"	1"

CORE SPECIE ATTRIBUTES - DOMESTIC FIR & POPLAR

The core is made with alternating veneer inner plies. The inner-ply species are usually fir for production out of west coast mills and poplar for production out of east coast mills. Veneer core panels are relatively light in comparison with composite panels, typically weighing about 70lbs per 3/4" panel. Veneer core offers great strength and stability with better spanning properties than either PBC or MDF. Veneer core does have a wider variance in thickness in comparison with highly engineered PBC or MDF.

As hardwood veneer skins become increasingly thinner, the quality of the inner plies under the veneer face and back become increasingly important to the quality of the panel. Due to this,

veneer is not as forgiving and varying degrees of core transfer is possible depending on the surface veneer or core construction specified. The platform and core species is determined by the types of trees that grow in the region of manufacture. Which is better: fir or poplar cores? It really comes down to overall individual preference and past application experiences. The larger domestic plywood manufacturers have plants on both the west and east coasts; therefore, core species is not a preference by manufacturer and is truly dictated by geographic specie availability.

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

Attributes	Fir Core Hardwood Plywood	Poplar Core Hardwood Plywood
Bending strength	High	Moderate
Density	Moderate	Moderate
Movement after drying	Low	Moderate
Sanding	Good	Difficult
Screw holding	Good	Good
Screwing	Good	Good
Shaping	Good	Difficult
Toughness	Moderate	Low
Weight	Moderate	Moderate

DOMESTIC PLYWOOD GRADE RULES

Face Grades		A Grade	B Grade	C Grade	D Grade
Birch, Ash, Maple and Poplar: Rotary-Cut, Quarter-Cut, Plain-Sliced					
Pin Knots and Small Burls, Comb. Avg.	ANSI	10- 4 to 1/4"	16- 8 to 1/4"	No Limit	No Limit
Conspicuous Burls, Max.	ANSI	3/8"	1/2"	No Limit	No Limit
Sound and Repaired Knots in Comb	ANSI	No	4	8	10
Repaired Knots	ANSI	No	4 to 1/8"	4 to 1/2"	5 to 3/4"
Mineral Streaks	ANSI	Slight	Slight	Yes	Yes
Vine	ANSI	Slight	Yes	Yes	Yes
Rough Cut	ANSI	No	Slight	Two 8" Areas	5% of Panel
Blended Repaired Tapering Hairline Splits	ANSI	Two 1/16" x 6"	Four 1/8" x 8"	Four 3/16" x 8"	Six 1/4" x 10"

Face Grades		A Grade	B Grade	C Grade
Red and White Oak: Rotary-Cut, Quarter-Cut, Plain-Sliced				
Pin Knots and Small Burls, Comb. Avg.	ANSI	12-10 to 1/4"	24-16 to 1/4"	No Limit
Sound and Repaired Knots in Comb	ANSI	No	4	8
Repaired Knots	ANSI	No	4 to 1/8"	4 to 1/2"
Mineral Streaks	ANSI	Slight	Few to 8"	Yes to 12"
Sap	ANSI	5%	Up to 20%	Yes
Blended Repaired Tapering Hairline Splits	ANSI	Two 1/16" x 6"	Four 1/8" x 8"	Four 3/16" x 8"

Back Grades		1 BACK	2 BACK	3 BACK	4 BACK
Sound Tight Knots	ANSI	16 to 3/8"	16 to 3/4"	Max 16 1/2"-1 1/2	Yes
Knotholes	ANSI	No	All Repaired	All 3/8" 10 to 1	Up to 4"
Repaired Knots	ANSI	No	8 to 1/2"	Not	No
Sound Tight Burls	ANSI	Yes	Yes	Yes	Yes
Mineral/Sap	ANSI	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Rough Cut	ANSI	Two 8" Dia. Areas	Yes	Yes	Yes
Joints or Splits	ANSI	Six 1/8" x 12" Rep'rd	Six 3/16" x 12" Rep'rd	3/8" x 1/4" LOP	1" to 1/4 LOP, 1/2" to 1/2 LOP, 1/4" to Full LOP

EPA FORMALDEHYDE RULES

The EPA has proposed 2 rules aimed at 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 resins. 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



Hood Distribution

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www.hooddistribution.com is a complete online resource of products and technical knowledge for woodworking professionals. Visit our website for answers to the technical questions along with pictures and descriptions of our products.



Beech, European Steamed

5.2mm A-2
12mm A-2
18mm A-1
Plain-Sliced, Veneer Core

Bending Plywood

3mm Bending Poplar 4x8 (Column)
& 8x4 (Barrel)
9mm Bending Meranti 4x8 (Column)
& 8x4 (Barrel)
Veneer Core

Birch, Chinese: White, Natural & Red

5.2mm B-4 & C-2
12mm C-2
15mm C-2
18mm B-2, C-2 & D-2
Rotary Cut, Whole Piece Face, Veneer Core
Poplar & Eucalyptus Core Species

Birch, Chinese: White, Pre-Finished

5.2mm C-2 UV1S
12mm C-2 UV1S & UV2S
15mm C-2 UV1S & UV2S
18mm C-2 UV1S & UV2S
Rotary Cut, Whole Piece Face, Veneer Core
Poplar & Eucalyptus Core Species

Birch, Russian (Baltic)

3mm 5x5 B/BB Grade
6mm 5x5 B/BB Grade
9mm 5x5 B/BB Grade
12mm 5x5 & 4x8 B/BB & BB/BB Grades
15mm 5x5 B/BB, BB/BB & BB/CP Grades
18mm 5x5 & 4x8 B/BB, BB/BB & BB/CP Grades
25mm 4x8 B/BB & BB/BB Grades
Russian Birch veneer core panels are the same specie material throughout the panel with minimal to no core voids.

Birch, White: TigerLITE & TigerPLY

12mm C-2 TigerLITE
18mm C-2 TigerLITE
TigerLITE is an ultra light weight Birch face and back veneer panel constructed with a 9 ply Plantation Kiri core. 46 lbs. per 18mm panel.
18mm C-2 TigerPLY
TigerPLY is a Birch face and back veneer panel constructed with a 9 ply machine composed Poplar core with 2 step calibration.

Birch, White: TigerPLY Edge Core

12mm C-2
18mm C-2
TigerPLY Edge Core was specifically developed for“exposed edge” applications, like drawer sides. The core is virtually void-free with no overlapping, producing an attractive exposed edge.

Cherry

5.2mm B-2
12mm B-2
18mm A-1 and B-2
Plain-Sliced, Veneer Core
Poplar & Eucalyptus Core Species

Faveria (White Virola)

Available by Special Order

Hickory

12mm B-2
18mm B-2
Plain-Sliced, Veneer Core

Mahogany (Khaya)

5.2mm A-1 & B-2
18mm A-1
Plain-Sliced, Veneer Core

Maple, White

5.2mm B-2
12mm B-2 & C-2 (Raw & UV1S)
18mm B-2 & C-2 (Raw, UV1S & UV2S)
Rotary Cut, Whole Piece Face, Veneer Core

Meranti

2.7mm Overlay & Better Grade
5.2mm Overlay & Better, BB/CC & PBB/CC Grades
9mm BB/CC Grade
12mm BB/CC Grade
18mm BB/CC Grade
Veneer Core

Oak, Red

5.2mm A-3, B-2, B-4 & FD/Pass Grades
12mm B-2 & C-2 Grades
18mm B-2 & C-2 Grades
Rotary Cut, Whole Piece & Plain Sliced Faces, Veneer Core

Okoume

5.2mm BB/CC
12mm BB/CC
15mm BB/CC
18mm BB/CC
Veneer Core

Pine, Radiata

6mm A-C
11/32” Beaded 2” OC
9mm A-C
12mm A-C
15mm A-C
18mm A-C
Veneer Core

Poplar, White & Natural

5.2mm BB/CC
12mm BB/CC
18mm BB/CC
Veneer Core

Sande

Available by Special Order

Walnut

18mm A-1
Plain-Sliced, Veneer Core

Hood European Poplar Core Panels

Available with White Maple, Natural Maple, White Birch, and White Poplar Faces. 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 Calibrated core is virtually void-free and is available in sizes that are ½” oversize. Italian Poplar Core panels are approximately 20% lighter than domestic poplar core panels that are produced with domestic thickness specs. ¼” C-2 (4x8 Raw, UV1S, & UV2S) ¼” B-2 (4x8 Raw, UV1S, & UV2S) ½” C-2 (4x8 Raw, UV1S, & UV2S) ½” B-2 (4x8 Raw, UV1S, & UV2S) ¾” C-2 (4x8 Raw, UV1S, & UV2S) ¾” B-2 (4x8 Raw, UV1S, & UV2S) ¾” C-2 4x10 ¾” B-2 4x10 Raw and UV Finished Panels Available **For underlayment, 10’ x 5’ panels are available also **Considering the vast price and availability challenges in Russian Birch, This Italian panel is considered a quality alternative to Russian Birch.

➤ See Garnica Plywood on the Featured Product Page 3



Hood Distribution

McEwen Group

www.HoodDistribution.com

IMPORT PLYWOOD GRADE RULES

Indonesian/Malaysian Grade Rules

FD Grade	Free-Of-Defect, very similar characteristics to an ANSI/HPVA “A” 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 mineral 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 (if well puttied), and hairline splits (max. 6”).
OVL Grade	Overlay and Better Grade. In addition to BB and CC grade, OVL may contain dead knots and knot holes (if well puttied), stain and mineral streak, hairline split (max. 12”), rough cut and torn grain.
Industrial	Allows open defects such as splits and gaps at the veneer joint as well as all the natural characteristics of the wood specie.

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 plus grade or compatible to a #1 and #2 mix back grade 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 “D” back grade is typically more on the D minus grade or compatible to a #2 and #3 mix back grade on ANSI/HPVA standards.
D/E or D/3 Grade	All defects not permitted by C grade will generally be allowed on D grade. More sound and dark pin knots, repaired knot holes, longer putty repaired veneer splits will be allowed, but the number of knot holes is the major determining factor. The “E” back grade borders in grade and similarity to the #4 or reject back grade on ANSI/HPVA standards.

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.
B Grade: often used for upper-end cabinetry, architectural millwork, and furniture.
C Grade: used primarily on paint grade type applications, in lower-end case work, and for cabinet interiors in upper-end cabinetry.
D Grade: used for non-visible cabinet parts.

Russian (Baltic) Birch Grade Rules

B Grade	One piece sanded face with even color. No patches, voids or mineral streaks allowed.
BB 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 that 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-banded 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-C
23/32" A-C 4X8 & 61X121
31/32" B-C
23/32" A-C 4x8 & 4X10 Fire Treated

> Fir Plywood, Marine Grade

1/4" A-B
3/8" A-B
1/2" A-B
3/4" A-B
1" A-B
4'x8' 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. The edges of the panel will not have any cross-band gaps or edge splits in excess of 1/8". Larger panel sizes and tongue & groove (5/8th and thicker) panels are available through special order.

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



MarineTech 4'x8' 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-Core construction that provides composed 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" plugged 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
3/4" 4x10 BoatPly VC S1S
1" 4x8 BoatPly VC S1S



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 faces 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 a set 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
15mm Liner 1-side & 2-side
18mm and 3/4" (Domestic) Liner 1-side & 2-side
The panels, primarily utilizing a veneer core Chinese Birch or Sande substrate, have a thin white laminate sheet pressed to one or both sides. These panels are great for cabinet box construction (leaving a clean, white interior) or closet systems in applications where performance over a particle board core or MDF core melamine is desired.

> Pine (Southern Yellow) Plywood, T1-11

5/8" 4", 8" & 12" On-Center Grooves, Premium Grade
Great for shed and out-building applications.

> KerfKore

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. No matter what type of curve or lightweight needs you have, this is a product that can provide quicker results that are more accurate, with higher quality, and easier to fabricate than traditional methods.

For more information visit: www.kerfkore.com



www.hooddistribution.com is a complete online resource of products and technical knowledge for woodworking professionals. Visit our website for answers to the technical questions along with pictures 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.



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 72"
10mm x 3' x 6'
20mm x 3' x 6'
30mm x 3' x 6'

kirei modern design, naturally

STARBOARD BY KING PLASTICS

> Starboard ST: The ST board is a special, high-density polyethylene sheet that provides a scratch-resistant surface that is 25% stronger than the original StarBoard. Designed for an outdoor kitchen application. Available in eight standard colors: Black, White, Evergreen, Seafoam, Mocha Brown, Sanshade, Everglade, and Dolphin Gray. All stock sheets are 54" x 96" in standard thicknesses, 1/4", 1/2", and 3/4"



Other sizes and special colors are available through special order.

Starboard ST is readily available in 1/4", 1/2", 3/4" x 54" x 96" sheet sizes and eight standard colors (Black, White, Evergreen, Seafoam, Mocha Brown, Sanshade, Everglade, 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, then 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.

> 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: King Plasti-Bal® is heavy duty, waterproof, aesthetically attractive, graffiti resistant and easy to clean. This board is designed for bathroom partitions, variety 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
11/16" – 49x97, 49x121, 61x97
3/4" – 49x73, 49x97, 49x109, 49x121, 61x121
1" – 49x97
1-1/8" – 49x97, 61x97, 61x145

Countertop Material

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

Shelving

3/4" – 12x144, 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
11/16" – 49x97, 49x121, 61x97, 61x145
3/4" – 49x97, 49x121, 49x145, 61x97, 61x121, 61x145
15/16" – 49x97, 61x97
1" – 49x97, 61x97, 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 bladder pressed doors for the cabinet door industry. Quality standards on this product ensure better machineability 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 lamination applications where finished product weight is a concern.

> MDF, Exterior (EXTIRA)

1/2" – 49x97, 25x194
3/4" – 49x97, 49x194
1" – 49x97
1-1/4" – 49x97



EXTIRA 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). EXTIRA 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 11-1/4" x 145" – Raw & White Redi-Shelf
3/4" x 11-1/4" x 194" – Raw
3/4" x 15-1/4" x 145" – White Redi-Shelf
3/4" x 15-1/4" x 194" – 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, NAF, 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



www.hooddistribution.com is a complete online resource of products and technical knowledge for woodworking professionals. Visit our website for answers to the technical questions along with pictures and descriptions of our products.



MDF MOULDING

> Primed MDF Mouldings

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 patterns; please visit: www.tlcmouldings.com*
***Stocking profiles vary by market.**

- #551: 9/16x3-1/4" Crown
- #549: 9/16"x3-5/8" Crown
- #548: 9/16"x4-1/4" Crown
- #599: 5/8"x4-1/2" Crown
- #547: 9/16"x4-5/8" Crown
- #506: 5/8"x5" Crown
- #525: 3/4"x5" Crown
- #575: 3/4"x5" Crown
- #545: 9/16"x5-1/4" Crown
- #500: -1/8"x5-5/16" Crown
- #612: 9/16x5-1/2" Crown
- #561: 1"x6" Crown
- #665: 9/16"x6-1/4" Crown
- #502: 3/4"x6-5/8" Crown
- #504: 11/16"x7" Crown
- #508: 9/16"x7-1/4" Crown

- #577: 3/4"x7-1/4" Crown
- #542: 1"x7-1/4" Crown
- #608: 1"x7-1/4" Crown
- #677: 3/4"x7-3/4" Crown
- #513: 1-1/8"x8" Crown
- #344: 9/16"x3-1/4" Casing
- #345: 11/16"x3-1/4" Casing
- #399: 3/4"x3-1/4" Casing
- #211: 9/16"x3-1/2" Casing
- #234: 1-3/16"x4" Casing
- #490: 11/16"x2-5/8" Chair Rail
- #494: 1"x3-1/2" Chair Rail
- #023: 1/2"x3-1/4" & 5-1/4" Base
- #023: 9/16"x3-1/4", 4-1/4" & 5-1/4" Base



- #010: 1/2"x5-1/4" & 7-1/4" Base
- #025: 9/16"x5-1/4" Base
- #112: 9/16"x5-1/4" Base
- #027: 9/16"x5-1/4" & 7-1/4" Base
- #028: 9/16"x5-1/4" & 7-1/4" Base
- #180: 9/16"x5-1/4" Base
- #092: 9/16"x7-1/4" Base
- #118: 15mmx7-1/4" Base
- #002: 11/16"x5-1/4" & 7-1/4" Base
- #002: 3/4"x5-1/4" & 8-11/16" Base
- #921: 5/8"x5-1/4" & 6-1/4" Stool
- #700: 11/16x4-9/16" Door Jamb

DIMENSION LUMBER

>Clear Radiata Finger-joint Pine S4S

All 16' long
Unfinished
1"x2" thru 1"x16"
Primed
1"x2" thru 1"x16"
1"x12" is available in 20' 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"x6" thru 2"x12" S4S
2"x4" thru 2"x12" Rough Cut

>#2, #3, & #4 Southern Yellow Pine

1"x6" #2 S4S available in 10'-14' lengths
1"x4"x8' S4S #3
2"x4" S4S 8', 10' & 12', #3 & #4 grades
2"x8"x8' S4S
4"x4"x8' S4S #2 & #3 grades
*SYP #1 Log Cabin Siding also available in 2"x6"x14'

>KDAT (Kiln Dried After Treating) Southern Yellow Pine Lumber

#2 Grade
1"x6" S4S, 8' & 12' lengths
2"x6"x16' S4S
C & Better Grade
1"x10"x14' S4S
2"x6" Rough Cut
Prime & Better Grade
1"x4" S4S, 12' & 16' lengths
1"x6" S4S, 12', 14', & 16' lengths
1"x8" S4S, 12' & 16' lengths
1"x10" S4S, 12' & 16' lengths
1"x12"x12' S4S
2"x4" S4S, 8',10',12',14',&16' lengths
2"x6" S4S, 12' & 14' lengths
2"x8" S4S, 12',14', & 16' lengths
2"x10" S4S, 12' & 16' lengths
2"x12" S4S, 12' & 16' lengths

>#2 & Better Spruce

1"x4"x8' S4S
1"x6"x8' S4S

MILLED LUMBER

>S4S Boards, Cypress and Hardwoods

1"x4" thru 1x12", Random Length S4S Available in Poplar and Cypress
1"x4" thru 1"x8", Random Length S4S Available in All Other Domestic Hardwood Species

>Cabinet Facing

13/16" x 1-1/2" 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.

>Rough Mills

Hood Distribution has 2 rough mills in Nashville and the Mobile locations. Both rough mills have Newman planers and Straight-Line-Rip saws, giving us the ability to Surface your lumber to the thickness you desire and giving our customer a straight edge for their manufacturing needs.

The Mobile location also runs a Gang Rip saw to support our moulding operation while giving Hood the ability to rip lumber to the widths that our customers desire.

The Nashville location runs a 2-headed Sander in line with the Newman Planer, producing lumber that requires less sanding once the finished product is manufactured.

>Cypress Patterns

Select & Better and #2 Common Cypress Patterns are Available: Bead Board, T&G V-Joint and T&G Square-Edge.

>Solid Wood Drawer Sides

Unfinished Solid Maple Drawer Sides are available in many of the Hood Branches. These Drawer Sides are 5/8" Thickness and 3-1/2" – 10" wide. Available with or without the Dado for the drawer bottom.

>Timber Sizer

Hood Distribution's location near Boston runs a Timber Sizing operation. This mill operation contains a Stetson-Ross Timber Sizer with 16" – 24" capacity. Hood can accurately size finished timbers within a 1/16" by planning up to four sides of any length timber in a single pass. 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 runs a Baker "D" Model Resay 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 branches gives us the ability to fulfill most custom timber requests. Hood Distribution-McEwen Group can also use this Timber-Sizer mill to fulfill many of the requests of our McEwen Group customers.



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.

Hood Distribution locations also stock 1x12 Eastern White Pine or Ponderosa Pine Shelving boards

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 insuring 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 nibs are added under the screw head to carve away the material as the screw is driven in.

For more information visit: www.deerwood.com

Thread Styles	Drive Styles	Head Styles	Points
 Fine Thread: provides easy driving and maximum strength in hardwoods.	 Phillips Recess Drive: an old standard improved with a deeper recess to prevent bit slip.	 Pan Head: the "original" but with a higher head height to insure proper bit fit.	 Type 17 for max. pre-drill power.
 Deep Wax Thread: offers easy driving & maximum hold in softwoods & man-made materials	 Recex® Drive/Sq Phillips: made better by increasing drive for max. grip.	 Round Washer Head: with a larger head diameter to prevent "sinking."	
 Hi-Lo™ Thread: designed to be the perfect solution for all applications.	 Square Recess Drive: fits square bits but with a deeper recess for better grip.	 Fillister Head: maximum driver bit engagement insures "slip-proof" driving/no camouts.	 New Under-Head Serrations to lock

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. 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 Original is readily available in 1 gallon and 5 gallon sizes.**



> **Titebond II Premium:** The leading brand of one-part glue that passes the ANSI Type II water-resistance specification. Ideal for exterior projects, Titebond II Premium is ideal for Hot Press and radio frequency gluing systems. **Titebond II Premium is readily available in 1 gallon and 5 gallon sizes.**



> **Titebond II Extend:** Combining the waterproof performance of Type II with a slower set time, Extend is ideal for exterior applications that take more time to assemble. Titebond II Extend is also compatible for use with a hot press or radio frequency gluing system. **Titebond II Extend 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 III Ultimate is readily available in 1 gallon and 5 gallon sizes.**



> **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

NorthStar[™]
Chemicals, Inc.

> **Adhesives:** Northstar Adhesives is headquartered in Cartersville GA and was founded in 1996. Northstar is committed 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 canister producer in the U.S.

NS 910: Low VOC, Calif. Compliant Canister Contact Cement: GreenGuard NS 910 is a versatile, high performance industrial contact adhesives 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 a 27 lb canister.**

NS 925: High Temperature, High Strength, Flammable Adhesive: A versatile, high performance industrial contact adhesives 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 11 lb, 38 lb, and 175 lb canisters along with 15 oz aerosol cans**

NS 935+: 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 935+ was designed for decorative laminate to a substrate and for use in Postforming due to the exceptional strength. **Available in 1 gallon brush-on grade**

NS 914: High Strength Woodworking Adhesive: Designed for the woodworker that desires an adhesive with NO chlorinated solvents. Suitable for flatwork applications that is fast-tacking, high strength designed to capture maximum bonding strength and cost savings. **Available in a 30 lb canister.**

NS 938: Post Form Contact Adhesive: Offers a number of benefits including high solids, high strength, high heat resistance and low odor. It also qualifies for a Class A Flame Spread rating. **Available in 5 gallon spray grade and 55 gallon spray grade.**

For more information visit: www.northstarchemicals.com

> **Abrasives:** Abrasives from high quality manufacturers are available at select locations. General inventory consists of the following in grits ranging from 60 to 320: 9x11 Sheets, 3x24 & 4x24 Belts, 5" Discs, PSA and Hook & Loop, 5 Hole and No Hole. Replacement belts for wide belt sanders can be accommodated through special order.

FACTORY FLAT-PACK, REFINISHED CABINETS



Time is a valuable commodity and our goal as a supplier is to assist you in completing your projects efficiently and on time. Therefore, Hood Distribution offers a line of flat-pack, prefinished 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.



> **Bridgewater Warm Cherry:** Bridgewater brings a sense of regal distinction to any kitchen. Bridgewater is standard construction: Full overlay applied molding doors, all wood construction, five piece drawer, and concealed hardware.



> **Hampton Linen Glazed:** Hampton is a soft white with a subdued warm glaze, capturing the feel of a French Country kitchen. Hampton is also standard construction.



> **Lenox Café Glazed:** Lenox Café Glaze offers a rich warmth that is harmonious with culinary celebrations. The glaze highlights the caramel and honey tones. Lenox is also of standard construction.



> **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, but 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 birch 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 Cabinetry:** RiverRun Multi-Unit Cabinetry: 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

PRODUCT WEIGHTS

Panel Weights

Pounds Per Square Foot	1/8" or 2.6 mm	1/4" or 5.2 mm	3/8" or 9 mm	1/2" or 12 mm	5/8" or 15 mm	3/4" or 18 mm	1" or 25 mm	1-1/8"	1-1/4"
Domestic Hardwood VC and Bending Plywood	0.42	0.85	1.25	1.63	2.00	2.47	3.28	3.70	4.15
Domestic Hardwood MDF and MDF Core Melamine		1.15	1.75	2.19	2.70	3.13	4.35	4.90	5.45
Medium Density Fiberboard (Langboard, Holly Hill, Plumcreek, Uniboard, etc.)		1.10	1.72	2.16	2.66	3.20	4.30	4.85	5.40
Trupan Ultra Light MDF					2.00	2.50			
Particleboard		1.15	1.75	2.25	2.82	3.44	4.38	5.00	5.55
Particleboard Core Melamine and Domestic Hardwood Panels		1.35	1.80	2.32	2.92	3.50	4.85	5.53	6.20
Import Hardwood VC	0.33	0.63	0.94	1.22	1.79	2.16	2.80		
Liner Panels With Import VC	0.52	0.82	1.13	1.41	1.98	2.38	3.00		
Fir VC Panels	0.41	0.82	1.22	1.63	2.00	2.44	3.22		
Russian Birch	0.44	1.04	1.32	2.06	2.25	3.02	4.05		

Lumber Weights

Rough Lumber Species	Pounds Per Board Foot	Rough Lumber Species	Pounds Per Board Foot
Alder (15/16")	2.15	Mahogany	3.45
Ash	3.10	Hard Maple	3.80
Basswood	2.20	Pacific Maple	3.00
Beech	3.85	Soft Maple	3.30
Yellow or White Birch	3.70	Red Oak	4.00
Aromatic Cedar	2.80	White Oak	4.10
Spanish Cedar	2.75	Eastern White Pine	2.70
Cherry	3.30	Ponderosa Pine	2.67
Cypress	2.80	Southern Yellow Pine	3.27
Douglas Fir	3.00	Poplar	2.90
Hickory or Pecan	4.25	Sapele	3.85
Lyptus	4.40	Walnut	3.50

CONVERSION CHARTS

Lineal Foot to Board Foot Conversion Table

4/4			5/4			6/4		
Board Width	Board Feet (Multiplier	Reciprocal (Divisor)	Board Width	Board Feet (Multiplier	Reciprocal (Divisor)	Board Width	Board Feet (Multiplier	Reciprocal (Divisor)
4"	.33334	3	4"	.41667	2.4	4"	.5	2
5"	.41667	2.4	5"	.52084	1.92	5"	.625	1.6
6"	.5	2	6"	.625	1.6	6"	.75	1.33333
7"	.58334	1.715	7"	.72916	1.37	7"	.875	1.1429
8"	.66667	1.5	8"	.83334	1.2	8"	1	1
9"	.75	1.334	9"	.9375	1.067	9"	1.125	.88889
10"	.83334	1.2	10"	1.04167	.96	10"	1.25	.8
11"	.91667	1.0909	11"	1.14583	.873	11"	1.375	.728
12"	1	1	12"	1.25	.8	12"	1.5	.66666
13"	1.08333	.92308	13"	1.35417	.73846	13"	1.625	.61539
14"	1.16667	.85715	14"	1.45833	.69565	14"	1.75	.57143
15"	1.25	.8	15"	1.5625	.64	15"	1.875	.53333
8/4			10/4			12/4		
Board Width	Board Feet (Multiplier	Reciprocal (Divisor)	Board Width	Board Feet (Multiplier	Reciprocal (Divisor)	Board Width	Board Feet (Multiplier	Reciprocal (Divisor)
4"	.66667	1.5	4"	.83333	1.2	4"	1	1
5"	.83334	1.2	5"	1.04167	.96	5"	1.25	.8
6"	1	1	6"	1.25	.8	6"	1.5	.66667
7"	1.16667	.857	7"	1.45833	.6857	7"	1.75	.57143
8"	1.33334	.75	8"	1.66667	.6	8"	2	.5
9"	1.5	.66667	9"	1.875	.53333	9"	2.25	.44444
10"	1.66667	.6	10"	2.08334	.48	10"	2.5	.4
11"	1.8333	.5455	11"	2.29167	.43637	11"	2.75	.36364
12"	2	.5	12"	2.5	.4	12"	3	.33333
13"	2.16667	.46154	13"	2.70833	.36923	13"	3.25	.30769
14"	2.3333	.42857	14"	2.19667	.34286	14"	3.5	.28571
15"	2.5	.4	15"	3.125	.32	15"	3.75	.26667

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.

Metric Conversion Chart

Inch Thickness	Millimeter Thickness	Inch Thickness	Millimeter Thickness
1/8"	3.175 mm	5/8"	15.875 mm
1/4"	6.350 mm	3/4"	19.050 mm
3/8"	9.525 mm	1"	25.400 mm
1/2"	12.700 mm		



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