



Maple - Hard - Select



Maple - Hard - Natural



Maple - Hard - Mixed



Maple - Hard / Soft Mixed - Paint



Maple - Hard - Rustic

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Wood Species Options

Wood Species/Grade Descriptions - Solid Wood

WalzCraft selects only the finest materials available, and with nearly 70% of our lumber sourced from Midwest lumber mills, we are able to keep costs to a minimum. All of our products are graded as if one is looking at the face of the product. All other options (such as machining, profiling and sanding standards) are treated equally throughout the grades. All grades may have random width panel staves. The degree of color and grain matching are the main difference between the Natural/Standard and Select/Premium grades. All machined areas are allowed a minimal amount of the natural characteristics to show through. WalzCraft does allow the backs of doors & drawer fronts to be of a lower grade than the face.

• If you would like a closer look at a specific grade, we recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample to have for your own use.

AFRORMOSIA

Wood Species	Color/Grain	Grade	Description/Characteristics
AFRORMOSIA		Natural/Standard Grade • 3.009 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which will result in a golden brown blend of sapwood and heartwood throughout. - When ordering pre-finished from WalzCraft, this grade is <u>only</u> available with a Natural/Clear Coat (no stain) finish. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 3.009 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with the Natural/Standard grades. - When ordering pre-finished from WalzCraft, this grade is <u>only</u> available with a Natural/Clear Coat (no stain) finish. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

ALDER

Wood Species	Color/Grain	Grade	Description/Characteristics
ALDER		Value/Budget Grade • 1.917 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: large quantities of narrow staves, sapwood, heartwood, pin knots, small knots that can be filled, grey stain, and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. Expect a large range of colors throughout the entire order. - Due to the nature of the narrow stave width common within this grade, stile and rail components of the door are allowed to be edge glued. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural/Standard Grade • 1.917 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which will result in a blend of reddish brown wood throughout the product. - This product is most desirable for a medium to dark stain color. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 1.917 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. Mineral, sap and knots are common. - Color may vary from a light tan sapwood to a reddish brown heartwood blended throughout. - Knot size and the percentage of mineral, sapwood and heartwood are <u>not allowed to be specified by the customer</u>. - All materials will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 1.917 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with our Natural/Standard grade. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. - This grade is highly recommended when using a Natural/Clear Coat (no stain) or light stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

Wood Species /Grade Description - Solid Wood

Wood Species Options

ASH

Wood Species	Color/Grain	Grade	Description/Characteristics
ASH		Value/Budget Grade • 2.929 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is most desirable for medium to dark stain colors, but do expect some color variations from stave to stave due to the makeup of the raw material. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

BEECH

Wood Species	Color/Grain	Grade	Description/Characteristics
BEECH		Budget Grade • 3.006 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found in the Beech family of trees. - This grade will not be color or grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is specifically intended for drawer boxes. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

BEECH - EUROPEAN

Wood Species	Color/Grain	Grade	Description/Characteristics
BEECH - EUROPEAN	Steamed	Natural/Standard Grade • 3.006 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which may result in a blend of brown to reddish brown heartwood and a light brown sapwood throughout the product. - This product is most desirable for a medium to dark stain color. <i>Natural/Standard grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 3.006 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with the Natural/Standard grade. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. - This grade is highly recommended when using a Natural/Clear Coat (no stain) or light stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

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Wood Species Options

Your Notes Page

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BIRCH

Wood Species	Color /Grain	Grade	Description /Characteristics
BIRCH		Value/Budget/Paint Grade • 2.875 Lb/Sq.Ft. (¾" Thickness)	- WalzCraft manufactures its Value/Budget/Paint Grade wood species with the intent that it be suitable for staining or painting. - A minimal amount of checking is allowed. - Occasionally, when painting, this <u>checking does not expose itself until after the primer coat has been applied.</u> - When ordered unfinished, if necessary, these small checks can easily be filled and sanded by the customer prior to applying the final coats of paint. - This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is an excellent choice for doors for apartment complex projects or other multi-family housing units where economy and value are important. - If staining, this grade is most desirable for a medium to dark stain color. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural/Standard Grade • 2.875 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common in this species are allowed, which results in a mixture of mostly sapwood with some heartwood allowed. - A small percentage of mineral and flecks will be allowed on the face and in profiled areas. - This grade is most desirable for a medium to dark stain. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Calico / Mixed	Select/Premium Grade • 2.875 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than our Natural/Standard grade. - This grade will allow a mixture of sap and heartwood blended throughout, creating a calico look. - When matching center panels for this species, WalzCraft pays particular attention to ensuring that sap wood is mated/matched to sapwood, and heartwood is mated/matched to heartwood to avoid sapwood to heartwood transitions at a glue line. - This grade is most desirable for a Natural/Clear Coat (<i>no stain</i>) or light stain color. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Hybrid / MDF	Natural/Standard Grade	- WalzCraft offers this "Hybrid" species to allow customers the flexibility of choosing Birch <u>solid wood</u> "Natural / Standard Grade" stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.
		Paint Grade	- WalzCraft offers this "Hybrid" Species to allow customers the flexibility of choosing Birch <u>solid wood</u> "Paint Grade" stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.

BIRCH continued on next page...

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BIRCH...continued

Wood Species	Color/Grain	Grade	Description/Characteristics
BIRCH	Red	Natural/Standard Grade • 2.737 Lb/Sq.Ft. (¾" Thickness)	• This grade is selected from the heartwood of the Birch species. • Natural characteristics common within this species are allowed. • This grade is most desirable for a Natural/Clear Coat (<i>no stain</i>) or light stain color. • If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. • <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> • We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 2.737 Lb/Sq.Ft. (¾" Thickness)	• This grade is selected from the heartwood of the Birch species. • Natural characteristics common within this species will be monitored under closer quality guidelines than with our Natural/Standard grade. • This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern with a reddish tan color. • This grade is most desirable for a Natural/Clear Coat (<i>no stain</i>) or light stain color. • If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. • We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	White	Select/Premium Grade • 2.875 Lb/Sq.Ft. (¾" Thickness)	• Natural characteristics common within this species will be monitored under closer quality guidelines than with our Natural/Standard grade. • This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. • This grade is most desirable for a Natural/Clear Coat (<i>no stain</i>) or light stain color. • If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. • We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

CHERRY

Wood Species	Color/Grain	Grade	Description/Characteristics
CHERRY		Value/Budget Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade may contain gum pockets. If not sealed properly, the gum pockets may bleed through your finish. - This grade is most desirable for medium to dark stain colors, but do expect some color variations from stave to stave due to the makeup of the raw material. <u>This species is prone to darken in color as it ages.</u> - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
		Natural/Standard Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, which results in a mixture of mostly heartwood with some sapwood allowed. - A small percentage of pin knots, mineral and gum pockets will be allowed on the face and in the profiled areas with voids allowed in gum pockets. - This grade is most desirable for medium to dark stain colors. <u>This species is prone to darken in color as it ages.</u> - Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
		Rustic Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. - Gum pockets, mineral, sapwood, heartwood and knots are common. - Color variations may range from white in the sapwood area to a deep red in the heartwood area. - Pin knots are allowed on the face and in profiled areas of the product. - Knot size and the percentage of gum pockets, sapwood, heartwood and number of knots are <u>not allowed to be specified by the customer.</u> - All materials will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. <u>This species is prone to darken in color as it ages.</u> - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
		Select/Premium Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with our Natural/Standard grade. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern. - Sap, which might appear in the profiled areas, is allowed in small amounts. - A smaller percentage of pin knots, mineral and gum pockets will be allowed on the face and in the profiled areas with voids allowed in the gum pockets. - We feel this grade is acceptable for use with a Natural/Clear Coat (no stain) finish, but may be enhanced with a light cherry colored stain. <u>This species is prone to darken in color as it ages.</u> - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
	Hybrid/MDF	Paint Grade	- WalzCraft offers this "Hybrid" Species to allow customers the flexibility of choosing Cherry <u>solid wood</u> "Paint Grade" styles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - This grade may contain gum pockets. If not sealed properly, the gum pockets may bleed through your finish. - When painting cherry, no attempt will be made to conceal any of the naturally occurring characteristics that may be present. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>

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CHERRY...continued

Wood Species	Color/Grain	Grade	Description/Characteristics
CHERRY	No Sap	Natural/Standard Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, such as; a broad range of the heartwood coloration, but no sap is allowed on the face of the product. - Sap which might appear <u>would be in small amounts in profiled areas only.</u> - A small percentage of pin knots, mineral and gum pockets will be allowed on the face and in the profiled areas with voids allowed in gum pockets. - This grade is most desirable for medium to dark stain colors. <u>This species is prone to darken in color as it ages.</u> <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
		Rustic Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. - Gum pockets, mineral, stan-dard knots, pin knots, and partially filled "Canyon Knots" are common. - Heartwood color variations are allowed, however, no sap is allowed on the face of the product. - Sap which might appear in profiled areas is allowed in small amounts. - Knot size and the percentage of gum pockets and rustic defects are <u>not allowed to be specified by the customer.</u> - All material will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. <u>This species is prone to darken in color as it ages.</u> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
	No Sap (Straight Grain)	Natural/Standard Grade • 2.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, but no sap is allowed on the face of the product. - Sap which might appear <u>would be in small amounts in profiled areas only.</u> - This grade will be matched using Quarter Sawn lumber that is sorted by WalzCraft to produce a "straight grain" look. - A small percentage of pin knots, mineral and gum pockets will be allowed on the face and in the profiled areas with voids allowed in gum pockets. - This grade is most desirable for medium to dark stain colors. <u>This species is prone to darken in color as it ages.</u> <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>

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Wood Species Options

Wood Species/Grade Description - Solid Wood

CYPRESS

Wood Species	Color/Grain	Grade	Description/Characteristics
CYPRESS		Natural/Standard Grade • 1.866 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, resulting in a blend of light and dark heartwood throughout the product. - A small percentage of mineral and pitch pockets will be allowed. - This product is most desirable with a medium stain color. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

ELM

Wood Species	Color/Grain	Grade	Description/Characteristics
ELM - RED		WCI Mill Grade • 2.238 Lb/Sq.Ft. (¾" Thickness)	- Only available ¾" thick or less. - Certain species of lumber, mainly species that WalzCraft uses in low volume, are only available in Mill Grade. - Mill Grade means that WalzCraft will skillfully match the product using the full range of color present in the lumber as purchased. - The net result of this matching, especially from a color standpoint, falls somewhere between the WalzCraft grades of Natural/Standard and Select/Premium. - Natural characteristics common within this species are allowed which may result in a blend of pale to reddish brown heartwood and a light brown sapwood throughout the product. - This species is most desirable for a medium to dark stain color. - Due to the low volume of orders for this species, it is not available in various grades like most other WalzCraft products. We recommend that you view a sample on our Web Site at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

EUCALYPTUS - RED GRANDIS

Wood Species	Color/Grain	Grade	Description/Characteristics
EUCALYPTUS - RED GRANDIS		Value/Budget Grade • 2.281 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots, burls and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is most desirable for medium to dark stain colors, but do expect some color variations from stave to stave due to the makeup of the raw material. <i>This species is prone to darken in color as it ages.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>* (See Section S.3 for Special Notes about this Wood Species.) *</i>
		Natural/Standard Grade • 2.281 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within the species are allowed which will result in a mixture of light sap to dark heartwood blended throughout. - In lumber form, burls are abundant, so an occasional burl is not considered a defect. <i>This species is prone to darken in color as it ages.</i> <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>* (See Section S.3 for Special Notes about this Wood Species.) *</i>

S

Wood Species /Grade Description - Solid Wood

Wood Species Options

HICKORY			
Wood Species	Color /Grain	Grade	Description /Characteristics
HICKORY		Value /Budget Grade • 3.264 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots, bird pecks and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is most desirable for medium to dark stain colors, but do expect some color variations from stave to stave due to the makeup of the raw material. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural /Standard Grade • 3.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which result in a mixture of mostly heart wood with some sapwood allowed. - A small percentage of mineral will be allowed on the face and profiled areas. - Hickory and Pecan are so closely related that individual specimens cannot be identified with any certainty. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 3.264 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. Mineral, sap, bird pecks, heartwood and knots are common. - Color may vary from a dark brown to white. - Knot size and the percentage of mineral, sap, heartwood & knots are <u>not allowed to be specified by the customer</u>. - All materials will be structurally sound. In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. - Hickory and Pecan are so closely related that individual specimens cannot be identified with any certainty. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Brown	Rustic Grade • 3.264 Lb/Sq.Ft. (¾" Thickness)	- The face of this unique species is matched entirely of heartwood. - Mineral, bird pecks and knots are common. - Sap which might appear in profiled areas is allowed in small amounts. Knot size and the percentage of mineral and knots are <u>not allowed to be specified by the customer</u>. - All materials will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. - Hickory and Pecan are so closely related that individual specimens cannot be identified with any certainty. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select /Premium Grade • 3.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristic common within this species will be monitored under closer quality guidelines than our Natural /Standard grade. - This grade is selected from the heartwood of the Hickory species. - It will be a uniform mixture of brown to dark brown blended throughout the face. - Sap, which may appear in the profiled areas, is allowed in small amounts. - Hickory and Pecan are so closely related that individual specimens cannot be identified with any certainty. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Calico /Mixed	Select /Premium Grade • 3.264 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than our Natural /Standard grade. - This grade will allow a mixture of sap and heartwood blended throughout, creating a calico look. - When matching center panels for this species, WalzCraft pays particular attention to ensuring that sapwood is mated/matched to sapwood, and heartwood is mated/matched to heartwood to avoid sapwood to heartwood transitions at a glue line. - Hickory and Pecan are so closely related that individual specimens cannot be identified with any certainty. - This grade is most desirable for Natural/Clear Coat or light stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
HYBRID		See Hybrid under Birch, Cherry, Maple and Poplar.	

S

Wood Species Options

Your Notes Page

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Wood Species /Grade Description - Solid Wood

Wood Species Options

MAHOGANY - MIXED SPECIES

Wood Species	Color/Grain	Grade	Description/Characteristics
MAHOGANY - MIXED SPECIES		Value/Budget Grade • 2.453 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found in the Mahogany Family of trees. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order as Sapele, Sipo, Plantation, and other species of Mahogany are all allowed. - This Grade is most desirable for medium to dark stain colors. - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>

MAHOGANY - SAPELE

Wood Species	Color/Grain	Grade	Description/Characteristics
MAHOGANY - SAPELE		Natural/Standard Grade • 2.453 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which may result in a reddish brown blend of sapwood and heartwood throughout. - This grade is most desirable for a medium to dark stain color. <u>This species is prone to darken in color as it ages.</u> - Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.)*</i>
		Select/Premium Grade • 2.453 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with the Natural/Standard grade. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. - This grade is highly recommended when using a Natural/Clear Coat (no stain) to light stain color. <u>This species is prone to darken in color as it ages.</u> - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.)*</i>
	Quarter Sawn	Natural/Standard Grade • 2.453 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which will result in a reddish brown blend of heartwood. - Quarter Sawn is achieved by cutting at a right angle to the circumference of the tree producing a flake-like or "Ribboning" look on the face of the lumber. - This grade is most desirable for a medium to dark stain color. <u>This species is prone to darken in color as it ages.</u> - Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>
		Select/Premium Grade • 2.453 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with Natural/Standard grades. - Quarter Sawn is achieved by cutting at a right angle to the circumference of the tree producing a flake-like or "Ribboning" look on the face of the lumber. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. - This grade is recommended when using a Natural/Clear Coat (no stain) to light stain color. <u>This species is prone to darken in color as it ages.</u> - We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use. <i>*(See Section S.3 for Special Notes about this Wood Species.) *</i>

S

MAPLE - HARD

Wood Species	Color/Grain	Grade	Description/Characteristics
MAPLE - HARD		Natural/Standard Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, which results in a mixture of mostly sapwood with some heartwood allowed. - A small percentage of mineral will be allowed on the face and in profiled areas. - This grade is most desirable for medium to dark stain colors. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. <i>Natural/Standard Grade orders with Natural/Clear Coat (No Stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. - Mineral and knots are common. - Color variations may range in the sapwood areas from white to grayish brown. - This product may include both heartwood and sapwood. - Knot size and the percentage of mineral and knots are <u>not allowed to be specified by the customer</u>. - All materials, which may include some minor checking, will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Birds-Eye	Natural/Standard Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- Only available ¾" thick or less. <u>This is the recommended grade to select if you desire a product with the maximum amount of birds-eye in it</u>, and if you are willing to accept some color variation. - Our primary focus when matching this grade is to make sure that plenty of birds-eye is visible in the final product. - This species can be compared to our Maple-Hard-Natural/Standard grade, but with a somewhat greater color variation; including all colors of sapwood and possibly some heartwood, to achieve the birds-eye look. - We recommend a Natural/Clear Coat (<i>no stain</i>) when using this species so that the birds-eye doesn't get masked over by the stain color. - If a stain is required and your chosen color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- Only available ¾" thick or less. - With our Select/Premium grade, we focus on delivering only the birds-eye that is consistent with keeping color variation to a minimum. Select/Premium grade will have fewer bird's-eye than our Natural/Standard grade. - Due to the lack of heartwood in this product, fewer birds-eyes are produced. - This species can be compared to Maple-Hard-Select, but with a greater color variation due to carefully selecting sapwood with a variety of colors to achieve the birds-eye look. - We recommend a Natural/Clear Coat (<i>no stain</i>) when using this species so that the birds-eye doesn't get masked over by the stain color. - If a stain is required and your chosen color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

MAPLE - HARD continued on next page...

Wood Species /Grade Description - Solid Wood

Wood Species Options

MAPLE - HARD ... continued

Wood Species	Color/Grain	Grade	Description/Characteristics
MAPLE - HARD	Calico/Mixed	Select/Premium Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than our natural grade. - This grade will allow a mixture of sap and heartwood blended throughout, creating a calico look. - When matching center panels for this species, WalzCraft pays particular attention to ensuring that sap wood is mated/matched to sapwood, and heartwood is mated/matched to heartwood to avoid sapwood to heartwood transitions at a glue line. - This grade is most desirable for Natural/Clear Coat (<i>no stain</i>) to light stain colors. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Hybrid/MDF	Natural/Standard Grade	- WalzCraft offers this "Hybrid" species to allow customers the flexibility of choosing Maple-Hard <u>solid wood</u> Natural/Standard Grade stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.
	(Straight Grain)	Natural/Standard Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural grade Hard Maple with the only difference being the way it is cut at the sawmill. (Straight Grain) is achieved by a cut that is midway between the plain and quarter sawn method. - This cut gives each piece a thin pencil-line or combed look, otherwise known as a straight grain look. - Due to this sawing method, stave width rarely exceeds 4" and panels will likely be heavy to staves under 2½". - All components over 3½" in this Species/Grade are allowed to be edge glued. - This grade is most desirable for medium to dark stain colors. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	White	Select/Premium Grade • 2.750 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with our Natural/Standard grade. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

MAPLE - HARD /SOFT MIXED

Wood Species	Color/Grain	Grade	Description/Characteristics
MAPLE - HARD /SOFT MIXED		Value/Budget/Paint Grade • 2.584 Lb/Sq.Ft. (¾" Thickness)	- WalzCraft manufactures its Value/Budget/Paint Grade wood species with the intent that it be suitable for staining or painting. - A minimal amount of checking is allowed. - Occasionally, when painting, this <u>checking does not expose itself until after the primer coat has been applied</u>. - When ordered unfinished, if necessary, these small checks can easily be filled and sanded by the customer prior to applying the final coats of paint. - Constructed of Hard Maple and Soft Maple, this "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found in both species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is an excellent choice for doors for apartment complex projects or other multi-family housing units where economy and value are important. - Due to darker heartwood being present within this grade, some surface cracking may exist. - If staining, this grade is most desirable for a medium to dark stain color. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Hybrid / MDF	Paint Grade	- WalzCraft offers this "Hybrid" Species to allow customers the flexibility of choosing Maple-Mixed Species <u>solid wood</u> "Paint Grade" stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.

Wood Species Options

Wood Species/Grade Description - Solid Wood

MAPLE - SOFT

Wood Species	Color/Grain	Grade	Description/Characteristics
MAPLE - SOFT		Natural/Standard Grade • 2.417 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, which results in a mixture of mostly sapwood with some heartwood allowed. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Curly	Natural/Standard Grade • 2.417 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, but no heartwood is allowed on the face of the product. - The "curly" or "rapid" grain of this species will be blended throughout the product. - A small percentage of mineral will be allowed on the face and in profiled areas. - We recommend a Natural/Clear Coat (no stain) whenever using this species so that the curly character does not get masked over by the stain color. - If a stain is required and your chosen color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Hybrid/MDF	Natural/Standard Grade	- WalzCraft offers this "Hybrid" species to allow customers the flexibility of choosing Maple-Soft <u>solid wood</u> Natural/Standard Grade stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.

MDF

Wood Species	Color/Grain	Grade	Description/Characteristics
MDF	Raw	Paint Grade • 3.000 Lb/Sq.Ft. (¾" Thickness)	- This grade utilizes only MDF (Medium Density Fiberboard) material. - WalzCraft recommends MDF for painting and for use with our SolidTone® colors. - MDF is very stable and does not incur the same seasonal expansion and contraction issues that can develop at the joints on hardwood doors, such as hairline cracks. - Density is approximately 48 lbs per cubic foot (pcf).
	MR, Raw	Paint Grade • 3.000 Lb/Sq.Ft. (¾" Thickness)	- This grade utilizes only MDF - MR (Moisture Resistant), Raw (Medium Density Fiberboard) material. - WalzCraft products made using MDF - MR, Raw are suitable for use in <u>interior</u> high moisture areas only. - WalzCraft recommends MDF for painting and for use with our SolidTone® colors. - MDF is very stable and does not incur the same seasonal expansion and contraction issues that can develop at the joints on hardwood doors, such as hairline cracks. - Density is approximately 48 lbs per cubic foot (pcf).

OAK - RED/WHITE MIXED

Wood Species	Color/Grain	Grade	Description/Characteristics
OAK - RED/WHITE MIXED		Value/Budget Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This "Price Point Product", comprised of both Red Oak and White Oak, may contain some narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found within these species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is an excellent choice for doors for apartment complex projects or other multi-family housing units where economy and value are important. - This grade is most desirable for medium to dark stain colors, but do expect some color variations from stave to stave due to the makeup of the raw material. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

S

OAK - RED

Wood Species	Color/Grain	Grade	Description/Characteristics
OAK - RED		Natural/Standard Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, which results in a mixture of sapwood and heartwood throughout the product. - A small percentage of mineral and some pin knots will be allowed on the face in profiled areas. - This grade is most desirable for medium to dark stain colors. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. - Mineral, sap and knots are common. - Color variations may range in the sapwood areas from whitish or grayish brown to a pale reddish brown. - Knot size, and the percentage of mineral, sap and knots are <u>not allowed to be specified by the customer</u>. - Pin knots are allowed on the face and in profiled areas of the product. - All materials will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than with our Natural/Standard grade. - Minimal pin knots are allowed on the face and in profiled areas of the product. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern and a lighter color. - Highly recommended when using a Natural/Clear Coat (no stain) to light stain colors. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	No Sap	Rustic Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. - Bark pockets, worm holes, mineral, standard knots, and partial filled "Canyon Knots" are common. - Heartwood color variations are allowed, however, no sap is allowed on the face of the product. - Sap which might appear in profiled areas is allowed in small amounts. - Knot size and the percentage of bark pockets and rustic defects are <u>not allowed to be specified by the customer</u>. - All material will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

OAK - RED continued on next page...

OAK - RED...continued

Wood Species	Color/Grain	Grade	Description/Characteristics
OAK - RED	Quarter Sawn	Natural/Standard Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural grade Red Oak with the only difference being the way it is cut at the sawmill. - Quarter Sawn is achieved by cutting at right angles to the circumference of the tree producing a ray / flake like look on the face of the lumber. - When manufacturing Red Oak Quarter Sawn products using solid wood or veneer, WalzCraft strives to include an even distribution of the ray / flake like look throughout the face of the product only. - It is typical that a small percentage of panel staves and stile & rail parts will only have very light Quarter Sawn character, sometimes resulting in a Rift Sawn or "Straight Grain" appearance for those parts. - If you project requires <u>heavy</u> Quarter Sawn character on every panel stave, and every stile & rail part, please see Oak-Red Quarter Sawn (Heavy Ray/Flake) Natural / Standard Grade. - This grade is most desirable for medium to dark stain colors. <i>Natural / Standard Grade orders with Natural / Clear Coat (no stain) finishes carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Quarter Sawn	Select/Premium Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Select Grade of Red Oak with the only difference being the way it is cut at the sawmill. - Quarter Sawn is achieved by cutting at right angles to the circumference of the tree producing a ray /flake like look on the face of the lumber. - When manufacturing Red Oak Quarter Sawn products using solid wood or veneer, WalzCraft strives to include an even distribution of the ray /flake like look throughout the face of the product only. - It is typical that a small percentage of panel staves and stile & rail parts will only have very light Quarter Sawn character, sometimes resulting in a Rift Sawn or "Straight Grain" appearance for those parts. - If you project requires <u>heavy</u> Quarter Sawn character on every panel stave and every stile & rail part, please see Oak-Red, Quarter Sawn (<u>Heavy</u> Ray /Flake) Natural /Standard Grade. - Highly recommended when using a Natural /Clear Coat (<i>no stain</i>) to light stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Quarter Sawn (<u>Heavy</u> Ray /Flake)	Natural/Standard Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural Grade of Red Oak with the only difference being the way it is cut at the sawmill. - Quarter Sawn is achieved by cutting at right angles to the circumference of the tree producing a <u>heavy</u> ray /flake like look on the face of the lumber. - When manufacturing Oak Quarter Sawn products in solid wood or veneer, WalzCraft strives to include an even distribution of a <u>heavy</u> ray /flake like look throughout the face of the product only. - This grade is carefully matched to assure that 100% of the panel staves and 100% of the stile and rail parts have easily apparent Quarter Sawn Rays/Flakes. - Due to this special matching, please add 50% to our published price for Oak Red Quarter Sawn Nat/Std. Grade. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Rift Sawn (Straight Grain)	Natural/Standard Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural Grade of Red Oak with the only difference being the way it is cut at the sawmill. - Rift Sawn (Straight Grain) is achieved by a cut that is midway between the plain and quarter sawn method. - This cut gives each piece a straight grain look. - When WalzCraft matches Rift Sawn Red Oak products, it is typical that a small percentage of panel staves and stile & rail parts will include very light Quarter Sawn character, sometimes resulting in light rays / flakes being visible in those parts. - If your project strictly requires a Rift Sawn look with no Quarter Sawn character on any panel stave or stile & rail part, please see Oak-Red Rift Sawn (Straight Grain - No Quarter Sawn) Natural /Standard Grade. - This grade is most desirable for medium to dark stain colors. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Select Grade of Red Oak with the only difference being the way it is cut at the sawmill. - Rift Sawn (Straight Grain) is achieved by a cut that is midway between the plain and quarter sawn method. - This cut gives each piece a straight grain look. - When WalzCraft matches Rift Sawn Red Oak products, it is typical that a small percentage of panel staves and stile & rail parts will include very light Quarter Sawn character, sometimes resulting in light rays / flakes being visible in those parts. - If your project strictly requires a Rift Sawn look with no Quarter Sawn character on any panel stave or stile & rail part, please see Oak-Red Rift Sawn (Straight Grain - No Quarter Sawn) Natural /Standard Grade. - Highly recommended when using a Natural / Clear Coat (<i>no stain</i>) to light stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

OAK - RED continued on next page...

OAK - RED...continued

Wood Species	Color/Grain	Grade	Description/Characteristics
OAK - RED	Rift Sawn (Straight Grain - No Quarter Sawn)	Natural/Standard Grade • 2.579 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural Grade of Red Oak with the only difference being the way it is cut at the sawmill. - Rift Sawn (Straight Grain) is achieved by a cut that is midway between the plain and quarter sawn method. - This cut gives each piece a straight grain look. - This grade is carefully matched to assure that 100% of the panel staves and 100% of the stile and rail parts have Straight Grain with no Quarter Sawn Rays/Flakes. - Due to this special matching, please add 50% to our published price for Oak Red Rift Sawn (Straight Grain) Nat/Std. Grade. <i>Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

OAK - WHITE

Wood Species	Color/Grain	Grade	Description/Characteristics
OAK - WHITE		Natural/Standard Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed. which may result in a grayish-brown blend of sapwood and heartwood throughout. - Expect a wide range of color variation with grays, browns and greenish tones. - Expect a blend of sapwood and heartwood throughout. - This grade is most desirable for a medium to dark stain color. <i>Natural/Standard Grade orders carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- This unique species will have many variations allowed. Mineral, sap and knots are common. - Color variations from a whitish or grayish brown blend of sapwood and heartwood are allowed throughout. - Pin knots are allowed on the face and in profiled areas of the product. - Occasional worm holes are allowed. - All materials will be structurally sound. - Knot size and the percentage of mineral, sap and knots are <u>not allowed to be specified by the customer.</u> - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural Plus Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- Natural Plus is a grade that exists between Natural/Standard and Select/Premium. - Characteristics typically found in our Natural/Standard Grade, like pin knots and mineral streaks, will be both fewer and smaller in size with Natural Plus. - We will attempt to keep the grain characteristics as similar as possible throughout the job. - Expect a range of color variation with grays, browns, and greenish tones. - This grade is most desirable for a medium stain color. <i>Natural Plus Grade orders carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Quarter Sawn	Natural/Standard Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural/Standard grade White Oak with the only difference being the way it is cut at the sawmill. - Quarter Sawn is achieved by cutting at a right angle to the circumference of the tree producing a ray/flake like look on the face of the lumber. - When manufacturing White Oak Quarter Sawn products using solid wood or veneer, WalzCraft strives to include an even distribution of the ray/flake like look throughout the face of the product only. - It is typical that a small percentage of panel staves and stile & rail parts will only have very light Quarter Sawn Character, sometimes resulting in a Rift Sawn or "Straight Grain" appearance for those parts. - If your project requires <u>heavy</u> Quarter Sawn character on every panel stave, and every stile & rail part, please see Oak-White Quarter Sawn (<u>Heavy</u> Ray/Flake) Natural/Standard Grade. - This grade is most desirable for a medium to dark stain color. <i>Natural/Standard Grade orders carry no warranty regarding color consistency.</i> We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

OAK - WHITE continued on next page...

OAK - WHITE...continued

Wood Species	Color/Grain	Grade	Description/Characteristics
OAK - WHITE	Quarter Sawn	Natural Plus Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to our Natural Plus grade of White Oak with the only difference being the way it is cut at the sawmill. - Quarter Sawn is achieved by cutting at right angles to the circumference of the tree producing a ray /flake like look on the face of the lumber. - When manufacturing White Oak Quarter Sawn products using solid wood or veneer, WalzCraft strives to include an even distribution of the ray /flake like look throughout the face of the product only. - It is typical that a small percentage of panel staves and stile & rail parts will only have very light Quarter Sawn character, sometimes resulting in a Rift Sawn or "Straight Grain" appearance for those parts. - If your project requires <u>heavy</u> Quarter Sawn character on every panel stave, and every stile & rail part, please see Oak-White Quarter Sawn (<u>Heavy</u> Ray/Flake) Natural/Standard Grade. - This grade is highly recommended when using a medium stain color. Natural Plus Grade orders carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Quarter Sawn (<u>Heavy</u> Ray /Flake)	Natural/Standard Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural Grade of White Oak with the only difference being the way it is cut at the sawmill. - Quarter Sawn is achieved by cutting at right angles to the circumference of the tree producing a <u>heavy</u> ray /flake like look on the face of the lumber. - When manufacturing Oak Quarter Sawn products in solid wood or veneer, WalzCraft strives to include an even distribution of the <u>heavy</u> ray /flake like look throughout the face of the product only. - This grade is carefully matched to assure that 100% of the panel staves and 100% of the stile and rail parts have easily apparent Quarter Sawn Rays/Flakes. - Due to this special matching, please add 50% to our published price for Oak White Quarter Sawn Natural/Standard Grade. - This grade is most desirable for a medium to dark stain color. Natural/Standard Grade orders carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Rift Sawn (Straight Grain)	Natural/Standard Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to the Natural/Standard Grade of White Oak with the only difference being the way it is cut at the sawmill. - Rift Sawn (Straight Grain) is achieved by a cut that is midway between the plain and quarter sawn method. - This cut gives each piece a straight grain look. - When WalzCraft matches Rift Sawn White Oak products, it is typical that a small percentage of panel staves and stile & rail parts will include very light Quarter Sawn character, sometimes resulting in light rays/flakes being visible in those parts. - If your project strictly requires a Rift Sawn look with no Quarter Sawn character on any panel stave or stile & rail part, please see Oak-White Rift Sawn (Straight Grain - No Quarter Sawn) Natural/Standard Grade. - This grade is most desirable for a medium to dark stain color. Natural/Standard Grade orders carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural Plus Grade • 2.906 Lb/Sq.Ft. (¾" Thickness)	- This species can be compared to our Natural Plus grade of White Oak with the only difference being the way it is cut at the sawmill. - Rift Sawn (Straight Grain) is achieved by a cut that is midway between plain and quarter sawn. - This cut gives each piece a straight grain look. - When WalzCraft matches Rift Sawn White Oak products, it is typical that a small percentage of panel staves and stile & rail parts will include very light Quarter Sawn character, sometimes resulting in light rays/flakes being visible in those parts. - If your project strictly requires a Rift Sawn look with no Quarter Sawn character on any panel stave or stile & rail part, please see Oak-White Rift Sawn (Straight Grain - No Quarter Sawn) Natural/Standard Grade. - This grade is highly recommended when using a medium stain color. Natural Plus Grade orders carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

Wood Species /Grade Description - Solid Wood

Wood Species Options

PECAN

See Hickory.

PINE - NORTHERN WHITE

Wood Species	Color/Grain	Grade	Description/Characteristics
PINE - NORTHERN WHITE		Knotty Grade • 1.549 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be allowed which may result in a blend of sapwood and reddish heartwood. - Knots may vary in color throughout and will be structurally sound. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural/Standard Grade • 1.549 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed which may result in a blend of yellow sapwood and reddish heartwood. - No knots are allowed in this grade. - If your chosen stain color is available as a Spray No Wipe, WalzCraft recommends this process, instead of a Wiping stain, for a more consistent blotch free look when using this species. See Section R.1 for more information. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

POPLAR

Wood Species	Color/Grain	Grade	Description/Characteristics
POPLAR		Value/Budget/Paint Grade • 2.168 Lb/Sq.Ft. (¾" Thickness)	- WalzCraft manufactures its Value/Budget/Paint Grade wood species with the intent that it be suitable for staining or painting. - A minimal amount of checking is allowed. - Occasionally, when painting, this <u>checking does not expose itself until after the primer coat has been applied</u>. - When ordered unfinished, if necessary, these small checks can easily be filled and sanded by the customer prior to applying the final coats of paint. - This "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is an excellent choice for doors for apartment complex projects or other multi-family housing units where economy and value are important. - If staining, this grade is most desirable for a medium to dark stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural/Standard Grade • 2.168 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species are allowed, which may result in a mixture of sapwood and heartwood throughout. - This grade is most desirable for a medium to dark stain color and is also suitable for painting. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Calico / Mixed	Select/Premium Grade • 2.168 Lb/Sq.Ft. (¾" Thickness)	- Natural characteristics common within this species will be monitored under closer quality guidelines than our Natural/Standard grade. - This grade will allow a mixture of sap and heartwood blended throughout, creating a calico look. - When matching center panels for this species, WalzCraft pays particular attention to ensuring that sapwood is mated/matched to sapwood, and heartwood is mated/matched to heartwood to avoid sapwood to heartwood transitions at a glue line. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	Hybrid/MDF	Natural/Standard Grade	- WalzCraft offers this "Hybrid" Species to allow customers the flexibility of choosing Poplar <u>solid wood</u> Natural/Standard Grade stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.
		Paint Grade	- WalzCraft offers this "Hybrid" Species to allow customers the flexibility of choosing Poplar <u>solid wood</u> Paint Grade stiles & rails, and pairing them with an MDF center panel. - This "Hybrid" combination is recommended with the specific intent that it be painted. - Because there is minimal expansion or contraction in the MDF center panel, the likelihood of hairline cracks, variances in stave thickness or sunken glue joints is minimized.

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Wood Species Options

Wood Species/Grade Description - Solid Wood

WALNUT

Wood Species	Color/Grain	Grade	Description/Characteristics
WALNUT		Value/Budget Grade • 2.472 Lb/Sq.Ft. (¾" Thickness)	- Also known as Black Walnut and/or American Walnut, this "Price Point Product" may contain: narrow staves, sapwood, heartwood, pin knots and all other natural characteristics commonly found within this species. - This grade will not be color and grain matched, but will be structurally sound and should prove to be a good value for your dollar. - Expect a large range of color throughout the entire order. - This grade is most desirable for medium to dark stain colors, but do expect some color variations from stave to stave due to the makeup of the raw material. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Natural/Standard Grade • 2.472 Lb/Sq.Ft. (¾" Thickness)	- Also known as Black Walnut and/or American Walnut, natural characteristics common within this species are allowed which may result in a blend of light sapwood to dark heartwood throughout. - Pin knots are allowed on the face and in profiled areas of the product. - This grade is most desirable for a medium to dark stain color. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 2.472 Lb/Sq.Ft. (¾" Thickness)	- Also known as Black Walnut and/or American Walnut, this unique species will have many variations allowed. Mineral, sap and knots are common. - Color variations may range from creamy white sapwood to brown heartwood. - Knot size, and the percentage of mineral, sap and knots are <u>not allowed to be specified by the customer</u>. - All materials will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Select/Premium Grade • 2.472 Lb/Sq.Ft. (¾" Thickness)	- Also known as Black Walnut and/or American Walnut, natural characteristics common within this species will be monitored under closer quality guidelines than with the Natural/Standard grade. - Minimal pin knots are allowed on the face and in profiled areas of the product. - Sap, which might appear in the profiled areas, is allowed in small amounts. - This grade will be uniform in color throughout and will be grain matched, resulting in a more consistent grain pattern. - This grade is highly recommended when using a natural or light stain color. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
	No Sap	Natural/Standard Grade • 2.472 Lb/Sq.Ft. (¾" Thickness)	- Also known as Black Walnut and/or American Walnut, natural characteristics common within this species are allowed, but no sap is allowed on the face of the product. - Sap which might appear in profiled areas is allowed in small amounts. - Natural characteristics like pin knots will be allowed on the face and in profiled areas. - We feel this grade is acceptable for use with a Natural/Clear Coat (no stain) finish, but may be enhanced with a light walnut colored stain. Natural/Standard Grade orders with Natural/Clear Coat (no stain) finishes carry no warranty regarding color consistency. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.
		Rustic Grade • 2.472 Lb/Sq.Ft. (¾" Thickness)	- Also known as Black Walnut and/or American Walnut, this unique species will have many variations allowed. Bark pockets, mineral, standard knots, pin knots, and partially filled "Canyon Knots" are common. - Heartwood color variations are allowed, however, no sap is allowed on the face of the product. - Sap which might appear in profiled areas is allowed in small amounts. - Knot size and the percentage of bark pockets and rustic defects are <u>not allowed to be specified by the customer</u>. - All material will be structurally sound. - In an effort to utilize as many natural characteristics as possible and to improve yield, some knots may have voids and some "Canyon Knots" may be partially filled, but no visible light will show through. - Knots are characteristic of Rustic Grade, however, they are difficult to include on moldings less than 1½" wide because they substantially weaken the molding. When a molding is less than 1½" wide, WalzCraft will try to maintain a Rustic Grade look without the use of knots. - Occasional worm holes are allowed. - We feel this grade is acceptable for use with a Natural/Clear Coat (no stain) finish, but may be enhanced with a light walnut colored stain. We recommend that you view a sample on our website at WalzCraft.com, click on the Resources tab, or order a sample for your own use.

Wood Species/Grade Descriptions - Solid Wood - END