



Basic information on beauxbois materials and options.

Everything we offer in our custom collection is manufactured in southern California including milling and finishing thereby supporting the local economy and giving beauxbois a very tight control and supervision of manufacturing and quality control.

beauxbois offers a wide range of wood species, both domestic and exotic:

- *The most common being domestic white oak or European oak which is often sourced in eastern European countries.*
- *beauxbois offers French oak for which a certificate of authenticity is always provided as many lumber companies will try to sell European oak as French oak often calling it "European French oak".*
- *Beauxbois also offers walnut, hickory, maple, and cherry although these are not frequently requested.*

Wood cuts:

- *Plain sawn: Plain sawn is the most common cut. Characteristics are its pleasing appearance, and varied grain appearance. It is easier to produce from the log.*
- *French cut: also known as "European cut" are slightly different from plain sawn in that the flaring on the grain is often centered on the planks and rift or quarter sawn edges can often be seen. French oak is always cut as "French cut". However, a French cut also known as European cut can be applied to domestic white oak thereby giving domestic oak the look of French or European oak.*
- *Quartersawn: Characteristics are greater wear resistance, less tendency to cup and twist, less shrinkage in width, and uniform grain appearance with ray flecks. Ray flecks appear in flooring that cuts across the wood's ray cells, which creates a shimmering flake figure spread over the wood.*
- *Riftsawn: Often chosen for projects requiring a more modern look, rift cut shows long horizontal lines giving the floor a more abstract and minimal look. Because of the very specific angle needed to produce this cut Rift is considered a premium cut and is therefore more expensive than all other cuts. Riftsawn is more expensive than plainsawn. It is similar to quartersawn without the ray flecks.*

Wood grades:

- *Clear grade: A flooring product of mostly heartwood with a minimum number of character marks and/or discoloration so that the product provides a uniform appearance.*
 1. *Will admit the following: small burls, small mineral (brown) streaks not greater than 1/8" x 1" or 1/16" x 2".*
 2. *Will not allow the following: sap stain, sticker stain, blue stain, mineral stain, log stain, end splits, rot or checking within the plank.*
- *Select grade: A flooring product with coloration variations produced by the differences of natural heartwood and sapwood along with character and other color variations as described: The face may contain one small tight knot or slightly open pin knot limited to a 1/8" opening every 3', limited pin worm holes, unlimited burls, scattered slight checks covering less than 1/3 of the plank and limited to 3" in length.*
 1. *Will not allow sap stain, sticker stain, blue stain, mineral stain, log stain, end splits, end cracks or rot.*



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Wood grades (continued):

- Rustic/character grade:
 1. Shall admit the following characteristics: Knots, open knots, broken knots, pin knots, holes, bark pockets, bird peck, pith, unlimited open checks smaller than 1/8" x 6", sound rot with scattered pitting, color variation, burls, swirls or other fiber irregularities, color streaks, mineral, streaks, spots and light sap stain, light blue stain.
 2. Will not allow the following: sticker stain. Grading allows open character that may expose the substrate. Open character (knots, splits, checks, holes, etc.) that exposes substrate shall not exceed the area of a 1-1/2" diameter circle. Open character may extend beyond the edges and ends of the flooring plank. End splits: When combined in aggregate end split(s) shall not exceed the face width of the flooring plank. Each end of the flooring plank shall be treated individually.
- Light rustic grade: The face may contain the same character criteria as Rustic Grade however the overall board must yield 50% Select Grading standards without a minimum cutting requirement.

Construction: beauxbois offers two different types of construction: solid and engineered

- Solid flooring: Thickness is always 3/4" tongue and groove and can be offered "end matched" if preferred which is another way of saying that the Tongue and groove applies to each end of the plank allowing for a better alignment during installation. Solid flooring is offered in all general grades of material and allows for knots to remain "Sound" (present) whereas in engineered flooring knots are usually missing as they crumble and fall off during the slicing of the lumber to produce engineered flooring. Although solid flooring used to be less expensive than engineered it has become more expensive over the years as slicing of solid material yields greater quantities of engineered flooring. Solid flooring is less stable than engineered material and therefore requires greater attention to moisture content guidelines in the material's final home.
- Engineered flooring: Unlike solid wood flooring engineered flooring comes in various overall thicknesses from 1/2" to 5/8" to 3/4". The best engineered flooring is fabricated with a substrate that featured thin layers of plywood (generally birch) laid in cross grain on top of each other allowing for greater stability. Often time imported engineered flooring are fabricated using one-layer substrate, a slightly less stable platform than the more utilized multi-ply substrate used in higher quality products.
 1. Wear layers: engineered material offers a wide range of layer thickness from 2mm all the way to 6mm, the most common being 4mm. A greater thickness of wear layer offers many opportunities for refinishing. According to the National Wood Flooring Association (NWFA) an average 4mm wear layers are said to last 40-60 years. Of course, this depends on traffic, care and maintenance.

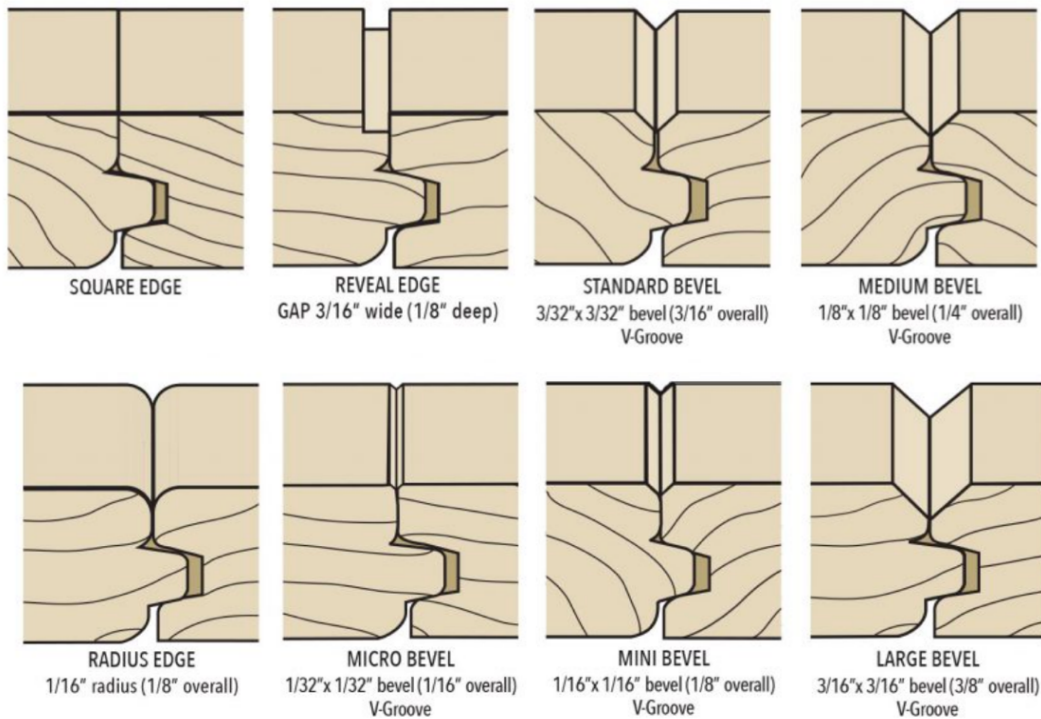
Plank widths: Beauxbois offers a range from 2" (Considered a custom width and therefore a premium) to the more common 7-8" all the way up to 11 and sometimes 12". Very wide planks 12-15" can also be obtained at a premium



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Bevels:

Beauxbois offers various edges from square edge that almost always requires onsite finishing, a more labor costly process, a mini micro bevel that beauxbois applies by hand on all four edges of each plank to a standard bevel and much more. See table below..



beauxbois is available to answer any and all questions you may have about the process involved in creating your unique floor.