

CHOOSING PACIFIC COAST MAPLE OVER EUROPEAN BEECH: A SMART ALTERNATIVE FOR MANUFACTURERS



Simple. Natural. Hardwoods.

Pacific Coast Maple delivers everything European Beech brings to production—strong yield, clean machining, and a warm, refined aesthetic—with greater dimensional stability and easier workability. PC Maple is a dependable, domestically sourced alternative that outperforms where Beech is most challenging.

Aesthetic and Design Considerations

More Consistent Without Ray Flecking:

European Beech exhibits ray flecking and often carries reddish undertones that can be overpowering at times drawing away from the product. Comparatively, PC Maple offers a lighter, more neutral tone with a consistent texture but also offers a more unique grain that works well for contemporary design.

More Controlled Finishing:

PC Maple absorbs stain evenly, delivering a smooth, uniform finish across components. For best results, we recommend using a pre-conditioner, gel stain, or sanding sealer. European Beech also finishes well, but its natural color variation can make consistency more difficult to maintain in production.

Versatile, Design-Friendly Tone:

With a subtle grain and balanced color, PC Maple adapts easily across styles from traditional to modern. European Beech has a more distinct appearance that can be less flexible depending on the design intent.

Physical and Mechanical Properties

Stability and Workability:

European Beech is moisture-sensitive and prone to movement, requiring careful management through processing and finishing. PC Maple is more stable by comparison, making it easier to work with and more predictable in maintaining component form.

Performance in Processing:

PC Maple machines consistently well in production settings, making it a reliable and efficient choice. European Beech machines well but requires more attention to grain direction and material condition.



PC Maple

European Beech



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PC MAPLE COMPARED TO EUROPEAN BEECH



PC Maple

Now's the Time to Choose PC Maple.

Greater Cost Control

European Beech carries cost and availability risk due to freight volatility, tariffs, and long lead times, with upper grades priced substantially higher. U.S.-produced PC Maple provides stable pricing, faster lead times, and dependable supply at a notably lower cost.

For Cabinets

PC Maple serves as a desirable substitute for European Beech in cabinet applications, offering a more favorable cost structure without sacrificing performance or appearance.

Yield

PC Maple and European Beech both deliver strong, consistent yields and excel at cabinets and other casegoods.

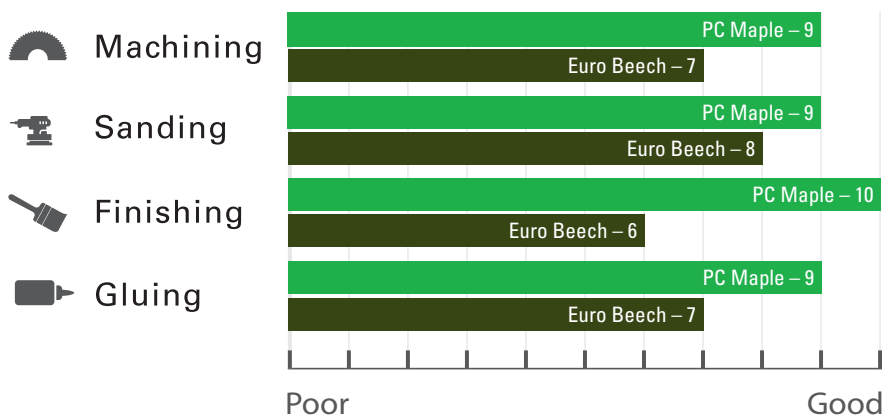
Both species are available with PEFC and FSC certifications.

Mechanical Properties Comparison

Lumber (12% Moisture Content)	Weight per bdft	Specific Gravity (Density)	Hardness (Janka)	Bending Strength (MOR)	Bending Stiffness (MOE)	Dimensional Movement (Shrinkage)	
						R (%)	T (%)
PC Maple	2.74	.50	850	10700	1450	3.7	7.1
Euro Beech	3.75	.53	1450	15970	2075	5.8	11.7

Source - Wood Database

Working Properties Comparison



PC Maple Grades at a Glance

Upper Grades (SELBTR)

For longer/wider clear cuttings used in case goods, cabinets, furniture, chairs, and millwork.

Mid Grades (#1 Shop and #2 Shop)

Used for clear face with sound back applications, including face frames, cabinets and chairs.

Low Grades (Frame and #3 Shop)

Good for short narrow pieces that can be finger jointed into panels or used for rustic applications.