



Made by hands.

Wood Grades

Wood Species



SELECT GRADE  
(WHITE OAK)

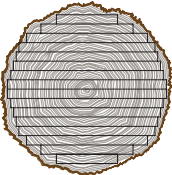


KNOTTY GRADE  
(WHITE OAK)

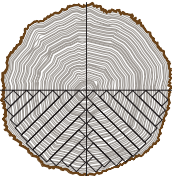
Some wood species can be designated by “grade,” such as “knotty” (sometimes called “character” or “rustic”) or “select” (clear, with little or no knots). Sun Mountain does not grade for wood color.

Knotty grade may contain large open knots, star knots, and sound knots. Select grade may contain minimal small sound knots and star knots, with no knot larger than a quarter. In either grade, open knots are patch-filled.

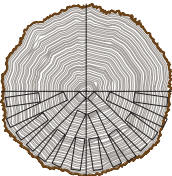
Wood Cuts



The **FLAT-CUT** (sometimes called “Plain-sawn” or “Plain-slice”) is the most common method of sawing logs. This method provides the widest boards and least waste and is, therefore, the most economical. The Flat-cut is obtained by making the first saw cut on a tangent to the circumference of the log and the remaining cuts parallel to the first. Flat-cut lumber is easily recognized by its cathedral or Gothic arch effect on the face of the board, with wide grain patterns and end grain with semi-circles.



**QUARTER-SAWN** lumber (sometimes called “Quarter-cut”) is produced by first quartering the log and then sawing it perpendicular to the growth rings. All of the boards are thus cut of radial grain, with the growth rings positioned at between 60- and 90-degree angles to the face of the board. The Quarter-sawn cut splits the medullary ray of the wood, causing a beautiful plumed or flared appearance referred to as “rays” or “flecks,” often appearing shiny or reflective.



**RIFT-SAWN** lumber is similar to Quarter-sawn, but with the angle of the cut changed slightly so that fewer saw cuts are parallel to the medullary rays, which are responsible for the flake effect. This positions the growth rings between 30- and 60-degree angles to the face of the board. Thus Rift-sawn lumber accentuates the vertical grain and minimizes the flake common in Quarter-sawn. Rift-sawn lumber produces an almost straight grain with practically no flake figure.

	HARDNESS <sup>1</sup>	SOLID WIDTH RANGE	ENGINEERED WIDTH RANGE	DISTRESS <sup>2</sup>	KNOTTY GRADE		SELECT GRADE	
					PRICE	CUTS <sup>3</sup>	PRICE	CUTS <sup>3</sup>
CHERRY	950	3" to 8"	3" to 8"	S, L, M, RS	\$\$	F	\$\$\$\$	F
HICKORY	1970	3" to 8"	3" to 9"	S, L, M, RS	\$\$	F	\$\$	F
OAK, Red	1290	3" to 8"	3" to 8"	S, L, M, RS			\$\$	F, R & Q
OAK, White	1360	3" to 8"	3" to 9"	S, L, M, RS	\$\$	F	\$\$\$/\$\$\$\$	F, R, Q, R & Q
SAPELE	1500	3" to 8"	3" to 9"	S, L, M			\$\$\$\$	Q
WALNUT	1010	3" to 8"	3" to 9"	S, L, M, RS	\$\$	F	\$\$\$\$	F

<sup>1</sup>The Janka Hardness Test measures the resistance of wood to denting and wear.

<sup>2</sup>S = Smooth Face (None) | L = Light | M = Medium | RS = Re-sawn

<sup>3</sup>F = Flat-cut | R = Rift-sawn | Q = Quarter-sawn

Wood is strong, renewable, and always in harmony with its surroundings.

UNFINISHED

**CHERRY** A hardwood with rich color and flowing grain pattern. The fine, satiny texture is uniform and wavy.



**HICKORY** A dense hardwood with high shock resistance. Heartwood is tan or red, with sapwood creamy white.



**OAK, RED** A hardwood chosen mainly for its prominent open grain pattern. Some color variation from reddish-tan to medium brown.



**OAK, WHITE** A dense hardwood with a white to cream to light brown color.



**SAPELE** Native to tropical Africa, and reminiscent of Mahogany, with a distinctive grain figure.









































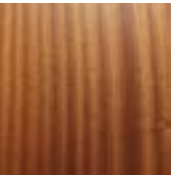

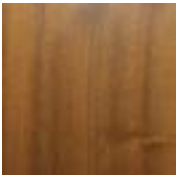

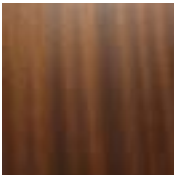











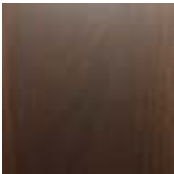





**WALNUT** A hardwood with beautiful, distinct differences in color between the sapwood and heartwood.





# Wood Finishes

NATURAL	BLANC DE BLANC	LES PAUL	FIRST EDITION	CAMELBACK	ROAN	JAGUAR	COHIBA	PHANTOM	SAGRADA
									
									
									
									
									
									
LIGHT			BROWN						



## Solid vs. Engineered



### SOLID WOOD FLOORING

Solid wood flooring is recommended for at or above grade applications only. Standard features of Sun Mountain's solid wood flooring include:

- 3/4" thickness
- End-matched tongue and groove
- Widths up to 8" on selected species



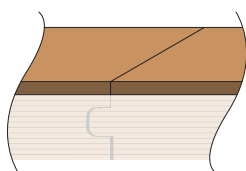
### ENGINEERED WOOD FLOORING

Engineered flooring is strongly recommended for below grade applications, "direct glue to concrete" applications, and installations over radiant heat sub-floors. Advantages of engineered flooring include less shrink and expansion related to moisture than solid wood—reducing warping, cupping and cracking. Standard features of Sun Mountain's engineered flooring products include:

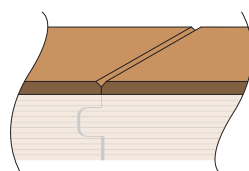
- Two-piece material (core, plus wear layer veneer) approximately 3/4" thick
- Approximately 9/16" thick core material—11-ply alternating grain laminate material
- 4mm (greater than 1/8" thick) wear layer veneer
- End-matched tongue and groove
- Widths up to 9" (on selected species)

## Edge Detail

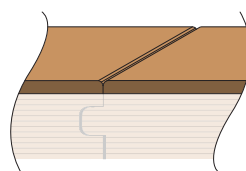
Sun Mountain offers a choice of edge detail for flooring—the profile where boards come together side by side. Square Edge is available on unfinished floors only (with finishing to be provided on-site by a third party installer or finisher).



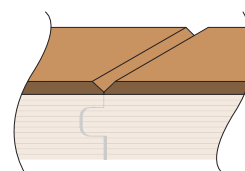
SQUARE EDGE



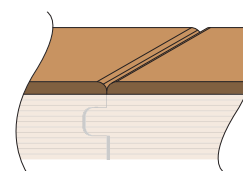
1.5MM BEVEL



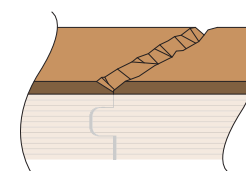
1.5MM RADIUS



3.0MM BEVEL



3.0MM RADIUS



SPOKE SHAVED

## Pegs



Optional wood pegs can be added to any floor, simulating a centuries-old method of securing board ends to the sub-floor. Sun Mountain offers 1/2" and 3/4" square wood pegs, often installed in a contrasting wood species.

1/2"

3/4"

## Distressed Wood

Sun Mountain can "distress" new wood to give it a worn, antique look and feel. Skilled artisans do this by hand, using a variety of Old World tools. Distressing is particularly dramatic on knotty (rustic) wood species.



**LIGHT DISTRESS** A gentle hand planing, resulting in a lightly foot-worn look and feel. Light distress has little or no tear out (i.e., planer "chatter," catching and tearing the grain or knots).



**MEDIUM DISTRESS** A deep hand planing, resulting in a wavy, undulating foot-worn look and feel. Medium distress has little or no tear out (i.e., planer "chatter," catching and tearing the grain or knots).



**RE-SAWN DISTRESS** Re-sawn distress is achieved with a saw blade striking lightly across the face of the flooring boards, perpendicular to the grain of the wood. Natural variations in density and surface elevation of the wood cause "hits and misses" with the saw blade, creating a rough-hewn, worn look reminiscent of wood flooring from the Old West.

## Available Random Widths

Width of flooring boards can be all the same (such as all 6" or all 7") with available dimensions from 3" to 9" (on selected species), or may be purchased in random width patterns as shown.



5"-3"-7"



4"-6"-8"



8"-6"-7"



5"-7"-9"



Sun Mountain wide plank floors are the absolute highest quality—literally “made by hands” in the U.S. at the company’s Colorado factory. Sun Mountain offers a selection of beautiful and durable hard wood species—available in either solid or engineered construction, all 3/4" thick. Hand-textured distress options give the wood a gently worn, antique look and feel. And, Sun Mountain offers a selection of exclusive factory-applied finishes, or custom color matching to taste.

Enjoy the journey to find the wide plank hardwood flooring you have been seeking—the flooring that reflects your unique style, that conveys quality, that adds warmth and comfort—that makes your house a home. Welcome to Sun Mountain—a premier U.S. manufacturer of wide plank flooring.

Front cover: Knotty Hickory floor, Natural finish.

Left: Knotty Hickory floor, Re-sawn Distress, Les Paul finish.

Showrooms in:  
Berthoud, CO (HQ)  
Colorado Springs, CO  
Asheville, NC  
San Francisco, CA  
Park City, UT  
Scottsdale, AZ

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