

## ANSI Grades- General

### Birch, Ash, Maple and Poplar: Rotary-Cut, Quarter-Cut, Plain-Sliced

		A Grade	B Grade	C Grade	D Grade
Pin Knots and Small Burls, Combined Avg.	ANSI	10 - 4 to 1/4"	16 - 8 to 1/4"	No limit	No limit
Conspicuous Burls, Max.	ANSI	3/8"	1/2"	No limit	No limit
Sound and Repaired Knots in Combination	ANSI	No	4	8	10
Repaired Knots	ANSI	No	4 to 1/8"	4 to 1/2"	5 to 3/4"
Mineral Streaks	ANSI	Slight	Slight	Yes	Yes
Vine	ANSI	Slight	Yes	Yes	Yes
Rough Cut	ANSI	No	Slight	Two 8" areas	5% of panel
Blended Repaired Tapering Hairline Splits	ANSI	Two 1/16"x6"	Four 1/8"x8"	Four 3/16"x8"	Six 1/4"x10"

\* PPE - Per Panel End

## Face Grades

### Red and White Oak: Rotary-Cut, Quarter Cut, Plain-Sliced

		A Grade	B Grade	C Grade
Pin Knots and Small Burls, Combined Avg.	ANSI	12 - 4 to 1/4"	24 - 8 to 1/4"	No limit
Sound and Repaired Knots in Combination	ANSI	No	4	8
Repaired Knots	ANSI	No	4 to 1/8"	4 to 1/2"
Mineral Streaks	ANSI	Slight	Few to 8"	Yes to 12"
Sap	ANSI	5% [1]	Up to 20% [2]	Yes
Blended Repaired Tapering Hairline Splits	ANSI	Two 1/16" x 6"	Four 1/8" x 8"	Four 3/16" x 8"

\* PPE - Per Panel End

[1] No Sap Allowed in Rift, Comb. and P/S; Allowed in Rot. Wh. Oak

[2] Rot. Red Oak; 10% Sap Allowed in Rift, Comb, and P/S; Any Sap Allowed in Rot. Wh. Oak

## Back Grades

		1 Back	2 Back	3 Back	4 Back
Sound tight knots	ANSI	16 to 3/8"	16 to 3/4"	Max 16 1/2" - 1-1/2"	Yes
Knotholes	ANSI	No	All Repaired	All 3/8" 10 to 1"	Up to 4"
Repaired Knots	ANSI	No	8 to 12"	No [1]	No
Sound tight burls	ANSI	Yes	Yes	Yes	Yes
Mineral/Sap	ANSI	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Rough Cut	ANSI	Two 8" Dia. areas	Yes	Yes	Yes
Splits or Jointes	ANSI	Six 1/8" x 12" repaired	Six 3/16" x 12" repaired	3/8" x 1/4 LOP*	1" to 1/4 LOP*, 1/2" to 1/2 LOP*, 1/4" to Full LOP*

\* PPE - Per Panel End, LOP = Length of Panel

[1] May be obtained repaired, if specified