## **ANSI FACE AND BACK GRADE**

Face Grade	A Grade	B Grade	C Grade	D Grade				
Birch, Ash, Maple and Poplar: Rotary-Cut, Plain-Sliced								
Pin knots and small burls comb.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 comb	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"			

Face Grade		A Grade	B Grade	C Grade				
Red and White Oak: Rotary-Cut, Quarter-Cut, Plain-Sliced								
Pin knots and small burls comb.Avg.	ANSI	12- 10 to 1/4"	24- 16 to 1/4"	No Limit				
Sound and repaired knots in comb	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%	Up to 20%	Yes				
Blended repaired tapering hairline splits	ANSI	Two 1/16" x 6"	Four 1/8" x 8"	Four 3/16" x 8				

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 1/2"	Not	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
Joints or splits	ANSI	Six 1/8" x 12" Rep'rd	Six 3/16" x 12" Rep'rd	3/8" x 1/4" LOP	1" to 1/4 LOP, 1/2" to 1/2 LOP, 1/4" to Full LOP

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