



GRADING RULES OF PRIME DIMENSION

Characteristics	NO.1			NO.2			
COMPRESSION WOOD	← Not allowed in damaging form for the grade considered →						
SLOPE OF GRAIN	1" in 10"			1" in 8"			
MANUFACTURE	Standard "E"			Standard "E"			
PITCH & PITCH STREAKS	NOT LIMITED			NOT LIMITED			
POCKETS – PITCH or BARK	NOT LIMITED			NOT LIMITED			
HOLES	1/4"			1/4"			
NOMINAL WIDTH	AT EDGE WIDE FACE	CENTERLINE WIDE FACE	UNSOUND KNOTS	AT EDGE WIDE FACE	CENTERLINE WIDE FACE	HOLES (ANY CAUSE)	
2"	1/2"	1/2"	1/2"	5/8"	5/8"	1/4"	One hole or equivalent smaller holes per 2 lin. feet.
3"	3/4"	3/4"	3/4"	7/8"	7/8"	1/4"	
4"	1"	1-1/2"	1"	1-1/4"	2"	1/4"	
5"	1-1/4"	1-7/8"	1-1/8"	1-5/8"	2-3/8"	1/4"	
6"	1-1/2"	2-1/4"	1-1/4"	1-7/8"	2-7/8"	1/4"	
8"	2"	2-3/4"	1-1/2"	2-1/2"	3-1/2"	1/4"	
10"	2-1/2"	3-1/4"	1-1/2"	3-1/4"	4-1/4"	1/4"	
12"	3"	3-3/4"	1-1/2"	3-3/4"	4-3/4"	1/4"	
Sound, firm, encased, and pith knots if tight and well spaced.			Well spaced knots of any quality.				

SHAKES	If through at ends: same as splits; surface shakes up to 2' long				If through at ends, limited as splits; away from ends through shakes up to 2' long, well separated; if not through, single shakes shall not exceed 3' long or 1/4 the length, whichever is greater.				
CHECKS	Surface seasoning checks not limited; through checks at ends are limited as splits								
SKIPS	Light on 10% of wide face, hit and miss on edge				Hit and Miss dressing				
SPLITS	Equal in length to width of piece				Equal in length to 1-1/2 times the width				
STAIN	Stained sapwood; firm heart stain or firm red heart				Stained Sapwood; firm heart stain or firm red heart – not limited				
UNSOUND WOOD	NOT PERMITTED				Not permitted in thickness over 2"; in 2" lumber, heart center streaks are limited to 1/3 the thickness or width				
WANE	1/4" deep or 1/4" wide except occasional piece may have wane on one edge up to 3/8" deep by 3/8" wide for 12"				1/4" deep or 1/4" wide except occasional piece may have wane on one edge up to 3/8" deep by 3/8" wide for 12"				
BOW	8' / 1/2"; 10' / 1-3/8"; 12' / 1-1/2"; 14' / 2"; 16' / 2-1/2"				8' / 3/4"; 10' / 1-1/2"; 12' / 2"; 14' / 2-1/2"; 16' / 3-1/4"				
CROOK	Size	10'	12'	14'	16'	10'	12'	14'	16'
	2x4	3/8"	1/2"	5/8"	3/4"	1/2"	11/16"	7/8"	1"
	2x6	5/16"	7/16"	9/16"	11/16"	7/16"	5/8"	3/4"	7/8"
	2x8	1/4"	13/32"	1/2"	9/16"	3/8"	1/2"	5/8"	3/4"
	2x10	7/32"	3/8"	7/16"	1/2"	1/4"	7/16"	1/2"	5/8"
	2x12	3/16"	9/32"	3/8"	7/16"	3/16"	3/8"	3/8"	1/2"
DESIGN VALUES	Same as No. 1 Dimension in SPIB Standard Grading Rules				Same as No. 2 Dimension in SPIB Standard Grading Rules				

Exceptionally Light Weight Pieces: Should not be placed in No.2 Prime and higher grades (Less than 15% summerwood).
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