



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	None Permitted			See chart below			
NOMINAL WIDTH	AT EDGE WIDE FACE	CENTERLINE WIDE FACE	UN SOUND 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							
UN SOUND 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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