

SIZE STANDARDS MINIMUM ROUGH SIZES THICKNESSES AND WIDTHS DRY OR UNSEASONED

Sizes 1" and Larger

250. The minimum rough thickness of lumber in sizes 1" and thicker shall not be less than 1/8" thicker than the corresponding standard surfaced thickness, except that in 4" and thinner lumber, 20% of a shipment may not be less than 3/32" thicker than the corresponding standard surfaced thickness. The minimum rough widths shall not be less than 1/8" wider than the corresponding standard surfaced widths.

STANDARD SAWN (Rough Green) Dimension and Timbers

Nominal Size	Standard Sawn	Variation over Standard Sawn Size	Variation under Standard Sawn Size	Minimum Rough Green Size
2"	1-3/4"	1/4"	** 1/16"	** 1-11/16"
3"	2-3/4"	3/8"	** 1/16"	** 2-11/16"
4"	3-3/4"	3/8"	** 1/16"	** 3-11/16"
* 5"	4-3/4"	3/8"	—	4-3/4"
6"	5-3/4"	3/8"	—	5-3/4"
8"	7-3/4"	1/2"	1/8"	7-5/8"
10"	9-3/4"	1/2"	1/8"	9-5/8"
12"	11-3/4"	1/2"	1/8"	11-5/8"
14" & larger	1/4" off	1/2"	1/8"	

*Standard sawn lumber 5" and thicker shall be cut not more than 3/8" under the nominal size.

**20% of the pieces may be 1/32" less.

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250-a. In full sawn lumber under these rules, a basic tolerance over the nominal size is permitted as follows: 1/8" over in one inch; 1/4" over in 2 inch; 3/8" over in 3 to 7 inch; and 1/2" over in 8 inch and larger. Full sawn lumber may not be undersized at time of manufacture.

When widths or thicknesses other than those specified above are required, they should be specified in the order.

250-b. Unless otherwise specified, lumber is customarily shipped in accordance with the sizes in the following tables. Some grading paragraphs give additional information on sizes applicable to various items. Additional information on size is contained in paragraphs on patterns.

This section is part of Standard Grading Rules for West Coast Lumber No. 17 (2004 edition) published by West Coast Lumber Inspection Bureau (www.wclib.org). Other sections and provisions of the grade rules may be applicable to the information and specifications provided here. Please refer to the table of contents for additional cross reference information.

FINISH, FLOORING, CEILING SIDING, RUSTIC, STEPPING

250-c. Thicknesses apply to all widths and all widths apply to all thicknesses except as modified.

	Thicknesses		Face Widths	
	Nominal [1] Inches	Standard Dressed Inches	Nominal [1] Inches	Standard Dressed Inches
Finish	1	3/4	2	1-1/2
	1-1/4	1	3	2-1/2
	1-1/2	1-1/4	4	3-1/2
	2	1-1/2	5	4-1/2
Flooring [2]	1	3/4	6	5-1/2
	1-1/4	1	8	7-1/4
	1-1/2	1-1/4	over 8	3/4 off
	3/8	5/16	3	2-1/8
Ceiling [2]	1/2	7/16	4	3-1/8
	5/8	9/16	6	5-1/8
	3/4	11/16	3	2-1/8
	1	3/4	4	3-1/8
Stepping [2]	1-1/4	1	8	7-1/4
	1-1/2	1-1/4	10	9-1/4
	2	1-1/2	12	11-1/4
	5/8	9/16	4	3
Rustic & drop siding (shiplapped, 3/8" lap)	1	23/32	6	5
	5/8	9/16	4	2-7/8
Rustic & drop siding (shiplapped, 1/2" lap)	1	23/32	6	4-7/8
	5/8	9/16	8	6-5/8
Rustic & drop siding (dressed & matched)	5/8	9/16	4	3-1/8
	1	23/32	6	5-1/8
	1	23/32	8	6-7/8

Item

Finish

Flooring [2]

Ceiling [2]

Stepping [2]

Rustic & drop siding
(shiplapped, 3/8" lap)

Rustic & drop siding
(shiplapped, 1/2" lap)

Rustic & drop siding
(dressed & matched)

[1]For nominal thicknesses under 1 inch, the board measure count is based on the nominal surface dimensions (width by length). With the exception of nominal thicknesses under 1 inch, the nominal thicknesses and widths in this table are the same as the board measure or count sizes.

[2]In tongued-and-grooved flooring and in tongued-and-grooved and shiplapped ceiling of 5/16 inch, 7/16 inch, and 9/16 inch dressed thicknesses, the tongue or lap shall be 3/16 inch wide, with the overall widths 3/16 inch wider than the face widths shown in the table above. In all other worked lumber of dressed thicknesses of 5/8 inch to 1-1/4 inch, the tongue shall be 1/4 inch wide or wider in tongued-and-grooved lumber, and the lap 3/8 inch wide or wider in shiplapped lumber, and the overall widths shall not be less than the dressed face widths shown in the above table plus the width of the tongue or lap.

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SIZE STANDARDS CONSTRUCTION GRADES SEASONED AND UNSEASONED

250-d. *Thicknesses apply to all widths and all widths apply to all thicknesses.

		Thicknesses		Face Widths			
		Nominal	Standard Dressed		Nominal	Standard Dressed	
			Dry [1]	Green [1]		Dry [1]	Green [1]
Item	Inches	Inches	Inches	Inches	Inches	Inches	
Boards [2] -----	1	3/4	25/32	2	1-1/2	1-9/16	
	1-1/4	1	1-1/32	3	2-1/2	2-9/16	
	1-1/2	1-1/4	1-9/32	4	3-1/2	3-9/16	
Dimension -----	2	1-1/2	1-9/16	5	4-1/2	4-5/8	
	2-1/2	2	2-1/16	6	5-1/2	5-5/8	
	3	2-1/2	2-9/16	8	7-1/4	7-1/2	
	3-1/2	3	3-1/16	10	9-1/4	9-1/2	
Timbers -----	4	3-1/2	3-9/16	12	11-1/4	11-1/2	
	5 and thicker	1/2 off	1/2 off	over 12	3/4 off	1/2 off	
Shiplap, ----- 3/8 inch lap	1	3/4	25/32	6	5-1/8	5-1/4	
				8	6-7/8	7-1/8	
				10	8-7/8	9-1/8	
Centermatch, ----- 1/4 inch tongue	1	3/4	25/32	12	10-7/8	11-1/8	
	1-1/4	1	1-1/32	4	3-1/8	3-3/16	
	1-1/2	1-1/4	1-9/32	6	5-1/8	5-1/4	
2 inch D & M, ----- 3/8 inch tongue	2	1-1/2	1-9/16	8	6-7/8	7-1/8	
				6	5	5-1/8	
				8	6-3/4	7	
			10	8-3/4	9		
			12	10-3/4	11		

[1] See Para. 3-b(2) for the definition of dry lumber.

[2] Boards less than the minimum thicknesses for 1 inch nominal but 5/8 inch or greater thicknesses dry (11/16 inch green) may be regarded as American Standard Lumber, but such boards shall be marked to show the size and condition of seasoning at the time of dressing. They shall also be distinguished from 1 inch boards on invoices and certificates.

*Sizes 5" and thicker are surfaced 1/2" off in both thickness and width.

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SIZE STANDARDS INDUSTRIAL CLEARS SEASONED AND UNSEASONED

250-e. Thicknesses apply to all widths and all widths to all thicknesses.

Thicknesses			Face Widths		
Standard Dressed			Standard Dressed		
Nominal	Dry	Green	Nominal	Dry	Green
Inches	Inches	Inches	Inches	Inches	Inches
1	3/4	25/32	2	1-1/2	1-9/16
1-1/4	1	1-1/32	3	2-1/2	2-9/16
1-1/2	1-1/4	1-9/32	4	3-1/2	3-9/16
2	1-1/2	1-9/16	5	4-1/2	4-9/16
2-1/2	2	2-1/16	6	5-1/2	5-5/8
3	2-1/2	2-9/16	8	7-1/4	7-1/2
3-1/2	3	3-1/16	10	9-1/4	9-1/2
4	3-1/2	3-9/16	12	11-1/4	11-1/2
			14	13-1/4	13-1/2
			16	15-1/4	15-1/2

* Sizes 5" and thicker are surfaced 1/2" off in both thickness and width.