2x4 Actual Size

Nominal 2 x 4 in · softwood dimension lumber (nominal 2 to 4-1/2 in thick) · NIST PS 20

ACTUAL SIZE, DRY (19% MOISTURE OR LESS)

1-1/2 x 3-1/2 in = 38.1 x 88.9 mm

End view at actual size (print at 100%). Solid: actual dry size · dashed: nominal size



2x4: nominal and actual

	THICKNESS	WIDTH	MM
Nominal	2	4	
Actual, dry	1-1/2	3-1/2	38.1 x 88.9
Actual, green	1-9/16	3-9/16	39.7 x 90.5
Decimal, dry	1.5	3.5	

Actual size

Print at 100% scale ("Actual size", not "Fit to page"). Check with the rulers below.





Other 2-inch nominal sizes

NOMINAL	DRY, IN	DRY, MM	GREEN, IN
2x2	1-1/2 x 1-1/2	38.1 x 38.1	1-9/16 x 1-9/16
2x3	1-1/2 x 2-1/2	38.1 x 63.5	1-9/16 x 2-9/16
2x4	1-1/2 x 3-1/2	38.1 x 88.9	1-9/16 x 3-9/16
2x6	1-1/2 x 5-1/2	38.1 x 139.7	1-9/16 x 5-5/8
2x8	1-1/2 x 7-1/4	38.1 x 184.2	1-9/16 x 7-1/2
2x10	1-1/2 x 9-1/4	38.1 x 235.0	1-9/16 x 9-1/2
2x12	1-1/2 x 11-1/4	38.1 x 285.8	1-9/16 x 11-1/2

Scan for the interactive version:

whatsizeis.com/lumber/2x4/

Minimum dressed sizes per NIST Voluntary Product Standard PS 20-25, American Softwood Lumber Standard (2025), Table 3. Dry = 19% moisture content or less; green = over 19%. mm = in x 25.4. Method: whatsizeis.com/how-we-calculate/