

12 kl – Grade 1 - Dimensional Lumber

Dimension lumber	
Fc (psi) =varies	Emin (psi) =580,000
Column size	Capacity (lb)
2x4	270
2-2x4	1,268
3-2x4	4,106
2x6	424
2-2x6	1,989
3-2x6	6,418
2x8	559
2-2x8	2,619
3-2x8	8,434
2x10	713
2-2x10	3,338
3-2x10	10,725
2x12	866
2-2x12	4,055
3-2x12	12,998
4x4	3,320
4x6	5,202
4x8	6,847
4x10	8,721
4x12	10,587

12 kl – Grade 2 - Dimensional Lumber

Dimension lumber	
Fc (psi) =varies	Emin (psi) =510,000
Column size	Capacity (lb)
2x4	237
2-2x4	1,115
3-2x4	3,610
2x6	373
2-2x6	1,751
3-2x6	5,657
2x8	491
2-2x8	2,305
3-2x8	7,432
2x10	627
2-2x10	2,937
3-2x10	9,449
2x12	762
2-2x12	3,567
3-2x12	11,447
4x4	2,919
4x6	4,580
4x8	6,027
4x10	7,676
4x12	9,317

12 kl – Grade 3 Dimensional Lumber

Dimension lumber	
Fc (psi) =varies	Emin (psi) =470,000
Column size	Capacity (lb)
2x4	218
2-2x4	1,009
3-2x4	3,157
2x6	342
2-2x6	1,581
3-2x6	4,911
2x8	451
2-2x8	2,080
3-2x8	6,437
2x10	575
2-2x10	2,649
3-2x10	8,162
2x12	699
2-2x12	3,215
3-2x12	9,861
4x4	2,620
4x6	4,097
4x8	5,385
4x10	6,851
4x12	8,305