

RESULTS

Column Number	Dimensions	Maximum Load (lbf)	Comments
1	4-1/4" x 4-1/4" x 95-1/2" (10.8 cm x 10.8 x 2.43 m)	23,000	Load faded slightly at 22,000 lbf. Cracked and would not hold 24,000 lbf. (Photographs 16 and 17)
2	4-1/4" x 4-1/4" x 95-1/2" (10.8 cm x 10.8 x 2.43 m)	17,000	Load faded slightly at 17,000 lbf. Cracked and would not hold 18,000 lbf. (Photograph 18)
3	4-1/4" x 4-1/4" x 95-1/2" (10.8 cm x 10.8 x 2.43 m)	17,000	Load faded slightly at 17,000 lbf. Cracking noises and would not hold 18,000 lbf. (Photograph 19)
4	5-3/8" x 5-3/8" x 119-1/2" (13.7 cm x 13.7 cm x 3.04 m)	16,000	Would not hold 17,000 lbf. Cracked.
5	5-3/8" x 5-3/8" x 119-1/2" (13.7 cm x 13.7 cm x 3.04 m)	18,000	Pop at 15,000 lbf. Would not hold 19,000 lbf. (Photograph 20)
6	5-3/8" x 5-3/8" x 119-1/2" (13.7 cm x 13.7 cm x 3.04 m)	17,000	Would not hold 18,000 lbf. No obvious cracking.
7	6-7/8" x 6-7/8" x 143-3/4" (17.5 cm x 17.5 cm x 3.65 m)	110,000	Held load with no issues.
8	6-7/8" x 6-7/8" x 143-3/4" (17.5 cm x 17.5 cm x 3.65 m)	110,000	Held load with no issues.
9	6-7/8" x 6-7/8" x 143-3/4" (17.5 cm x 17.5 cm x 3.65 m)	110,000	Held load with no issues.
10	8-7/8" x 8-7/8" x 143-3/4" (22.5 cm x 22.5 cm x 3.65 m)	110,000	Crack running with grain noticed at one end after removing. Held load.
11	8-7/8" x 8-7/8" x 143-3/4" (22.5 cm x 22.5 cm x 3.65 m)	110,000	Crack running with grain noticed at one end after removing. Held load. (Photograph 15)
12	8-7/8" x 8-7/8" x 143-3/4" (22.5 cm x 22.5 cm x 3.65 m)	110,000	Crack running with grain noticed at one end after removing. Held load. (Photograph 21)
13	11" x 11" x 143-3/4" (27.9 cm x 27.9 cm x 3.65 m)	110,000	Held load with no issues.
14	11" x 11" x 143-3/4" (27.9 cm x 27.9 cm x 3.65 m)	110,000	Held load with no issues.
15	11" x 11" x 143-3/4" (27.9 cm x 27.9 cm x 3.65 m)	110,000	Crack running with grain noticed at one end after removing. Held load.