

## Dixie Pacific® Technical Bulletin

Date: September 1, 2016  
 Technical Bulletin – 00002D

Subject: Average Allowable Loads

The allowable loads for fiberglass are based on the columns being eccentrically (offset) loaded 0.167 times the width/diameter of the column (based on AC265 and 2015 IBC/IRC). Concentrically loaded columns will bear larger loads.

### DuraCast™ Round\*

Column Size	Avg. Allowable Load (lbs)
6"	4580
8"	4600
10"	4690
12"	4800
14"	7800
16"	8250
18"	10000
20"	10000
22"	10000
24"	10000
28"	10000
30"	10000

\*Includes Fluted

### DuraCast™ Round NT

Column Size	Avg. Allowable Load (lbs)
6"	4580
8"	4590
10"	4670
12"	4750
14"	7000
16"	7000
18"	7000
24"	9000

### DuraLite® Round

Column Size	Avg. Allowable Load (lbs)
8"	4000
10"	4000

### DuraCast™ Square\*

Column Size	Avg. Allowable Load (lbs)
6"	5100
8"	5150
10"	5640
12"	5900
14"	8500
16"	9500

\*Includes Recessed Panel and Fluted Square

### DuraCast™ Craftsman

Column Size	Avg. Allowable Load (lbs)
10" x 6" x 66"	9000
10" x 8" x 66"	9000
10.25" x 7.5" x 7'	7000
12" x 10" x 6'	8000
12" x 10" x 10'	8000
14" x 12" x 9'	8000
16" x 9" x 58"	9000
16" x 9" x 6'	9000
16" x 9" x 8'	9000
16" x 12" x 58"	9000
16" x 12" x 6'	9000
16" x 12" x 8'	9000

### DuraLite® Square\*

Column Size	Avg. Allowable Load (lbs)
6"	3000
8"	3000
10"	3000
12"	3000

\*Includes Recessed Panel Square

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**RigidWrap™ cPVC Column**

Column Size	Structural Load Capacity (lbs)
6"	4350
8"	4350
10"	4350
12"	4350

**Round Wood Columns**

Column Size	Structural Load Capacity (lbs)
6"	2000
8"	3200
10"	4200
12"	5100

**Synthetic Porch Posts**

Post Size	Structural Load Capacity (lbs)
5" Colonial	1300
6" Colonial	5000
5" Square	5000
6" Chamfered	5000

**Wood Porch Posts**

Column Size	Structural Load Capacity (lbs)
4"	1000
5"	3000
6"	5800

**ALUMINUM COLUMNS**

**Round Fluted Columns**

Column Size	Structural Load Capacity (lbs)
6"	20000
8"	20000
10"	26000
12"	26000

**Square Fluted Columns**

Column Size	Structural Load Capacity (lbs)
4"	11000
6"	12000
8"	9000
10"	17000

**Heritage Square Recessed Panel Columns**

Column Size	Structural Load Capacity (lbs)
6"	24000
8"	23000

**Elite and Legend Plain Columns**

Column Size	Structural Load Capacity (lbs)
6"	17000
8"	14000