

Handy Reference Tables

Weight of reinforcement bar

	pounds per linear foot	diameter inches	cross section area square inches
#3	0.376	0.375	0.11
#4	0.668	0.500	0.20
#5	1.043	0.625	0.31
#6	1.502	0.750	0.44
#7	2.044	0.875	0.60
#8	2.670	1.00	0.79

1 cubic yard of concrete places:

depth	sq.ft.
2"	162
4"	81
6"	54
8"	40
10"	32.5
12"	27

Water

1 cu. ft.	7.48 gals.
1 cu. ft.	62.3 lbs.
1 gal	8.33 lbs.
1 gal	231 cu. ins.
1 gal	0.1337 cu.ft.

Its greatest density is at 39.1° F
weighing 62.4 pounds / cu.ft.

Materials Average Weight

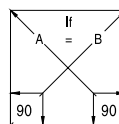
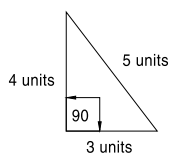
Concrete	150 lbs./cu. ft.
Steel	490 lbs./cu. ft.
Sand (dry)	98 lbs./cu. ft.
Sand (wet)	124 lbs./cu. ft.
Gravel	120 lbs./cu. ft.
Cast Iron	446 lbs./cu. ft.
Wood (fir)	32 lbs./cu. ft.
Wood (oak)	40 lbs./cu. ft.

Circle Measure

$$\pi = 3.1416$$

$$\text{circumference} = \text{diameter} \times \pi$$

$$\text{area} = \pi \times \text{radius}^2$$



**Special Items Cast to
Your Specifications**

Note: N.T.S

FLXX® 
Watertight

Front Range Precast Concrete, Inc.

5901 Dexter Street, Unit 200, Commerce City, CO 80022
Phone (303) 442-3207 • (800) 783-3207 • Fax (303) 442-3209
www.flxx.com