

CONVERSIONS

CONVERSION CHART

Area of rectangle = length x width

Area of triangle = base x 1/2 altitude

Area of parallelogram = base x altitude

Area of trapezoid = altitude x 1/2 the sum of parallel sides

Circumference of circle = diameter x 3.1416

Diameter of circle = circumference x 0.3183

Radius of a circle = circumference x 0.159155

Area of a circle = square of diameter x 0.7854

APPROXIMATE WEIGHT OF DRY MATERIALS

Materials	Per Cubic Metre	Per Cubic Yard	Per Cubic Foot
Sand	1600 kg	2700 lbs.	100 lbs.
Gravel	1760 kg	3000 lbs.	110 lbs.
Crushed Stone	1475 kg	2500 lbs.	92 lbs.
Slag	1185 kg	2000 lbs.	74 lbs.
Cinders	770 kg	1300 lbs.	48 lbs.
Limestone	1715 kg	2900 lbs.	107 lbs.
Cement	1505 kg	2550 lbs.	94 lbs.
Concrete:			
Cinder	1361-1762 kg	2300-3000 lbs.	85-110 lbs.
Gravel or Limestone	2400 kg	4050 lbs.	150 lbs.
Trap Rock	2485 kg	4200 lbs.	155 lbs.
Slag	2240 kg	3800 lbs.	140 lbs.

CONCRETE ESTIMATOR

One Cubic Metre of Concrete Will Place

Thickness	m ²	Ft ²	Thickness	m ²	Ft ²	Thickness	m ²	Ft ²
25mm (1")	39.4	424	125mm (5")	7.9	85	225mm (9")	4.4	47
50mm (2")	19.7	212	150mm (6")	6.5	70	250mm (10")	3.9	42
75mm (3")	13.1	141	175mm (7")	5.6	60	275mm (11")	3.6	38
100mm (4")	9.8	106	200mm (8")	4.8	52	300mm (12")	3.2	35