

BUILDING MATERIAL WEIGHTS

Asphalt-pavement composition: 100 lbs./cu. ft.
Bluestone: 160 lbs./cu. ft.
Brick (common): 2 1/4" x 4" x 8 1/4", 5.4 lbs. each;
 2.7 tons/M
Brick (fire) (standard): 9" x 4 1/2" x 2 1/2", 7.0 lbs.
 each; 3.5 tons/M
Brick (hard): 2 1/4" x 4 1/4" x 8 1/2", 6.48 lbs. each;
 3.24 tons/M
Brick (soft): 2 1/4" x 4" x 8 1/4", 4.32 lbs. each;
 3.24 tons/M
Brickwork in lime mortar, average: 120 lbs./cu. ft.
Brickwork in cement mortar, average: 130 lbs./cu. ft.
Brickwork, pressed brick, thin joints: 140 lbs./cu. ft.
Cement, Bag: 94 lbs. each, bbl. weighs 376 lbs.
Clay (dry): 63-95 lbs./cu. ft.; 1700-2295 lbs./cu. yd.
Clay (fire): 130 lbs./cu. ft.; 3510 lbs./cu. yd.
Clay (wet): 120-140 lbs./cu. ft.; 2970-3200 lbs./cu. yd.
Concrete: 138 lbs./cu. ft.; 3726 lbs./cu. yd.
Concrete: Cinder Concrete: 112 lbs./cu. ft.
 Gravel & Limestone Concrete: 150 lbs./cu. ft.
 Trap-rock concrete: 155 lbs./cu. ft.
Crushed Stone: 100 lbs./cu. ft.; 2700 lbs./cu. yd
Granite: 167 lbs./cu. ft.
Gravel: 95 lbs./cu. ft.; 2565 lbs./cu. yd
Hollow tile partition block: 60 lbs./cu. ft.
Hydrate lime: about 40 lbs./cu. ft.
Iron, cast: 450 lbs./cu. ft.
Iron, wrought: 480 lbs./cu. ft.
Lime: 75 lbs./bu.; 320 lbs./bbl. large; 220 lbs./small
Limestone: 155-172 lbs./cu. ft.
Marble: 171-179 lbs./cu. ft.
Masonry, squared granite or limestone: 165 lbs./cu. ft
Masonry, granite or limestone, dry rubble:
 138 lbs./cu. ft.
Masonry, granite or limestone, rubble: 150 lbs./cu. ft.
Masonry, sandstone: 150 lbs./cu. ft.
Mineral wool: 12 lbs./cu. ft.
Mortar: 103 lbs./cu. ft.
Mortar, hardened: 90 to 100 lbs./cu. ft.
Plaster of Paris: 98 lbs./cu. ft.
Reinforced concrete: 150 lbs./cu. ft.

Sand (dry): 97-117 lbs./cu. ft.; 2619-3159 lbs./cu. yd
Sand (wet): 120-140 lbs./cu. ft.; 3240-3780 lbs./cu. yd
Slag: 65-70 lbs./cu. ft.; 1755-1890 lbs./cu. yd
Slag Concrete: 135 lbs./cu. ft.
Slate: 172-177 lbs./cu. ft.
Steel, structural: 489.6 lbs./cu. ft.
Stone, riprap: 65 lbs./cu. ft.; 1775 lbs./cu. yd
Terra cotta, solid: 120 lbs./cu. ft.
Terra cotta, masonry work: 70-80 lbs./cu. ft.
Tile, solid: 110-120 lbs./cu. ft.
Trap rock: 155 lbs./cu. ft.; 4220 lbs./cu. yd

