

ROOF DEAD LOADS

Material	Weight, psf
Shingles:	
Asphalt ($\frac{1}{4}$ " approx.).....	2.0
Book tile (2").....	12.0
Book tile (3").....	20.0
Cement asbestos ($\frac{3}{8}$ " approx.)	4.0
Clay tile (for mortar add 10 psf)	9.0 to 14.0
Ludowici	10.0
Roman	12.0
Slate ($\frac{1}{4}$ ")	10.0
Spanish.....	19.0
Wood (1").....	3.0

CEILING DEAD LOADS

Material	Weight, psf
Acoustical fiber tile	1.0
Channel-suspended system	1.0

FLOOR DEAD LOADS

Material	Weight, psf
Hardwood (1" nominal).....	4.0
Plywood (per inch of thickness)	3.0
Asphalt mastic (per inch of thickness)	12.0
Cement finish (per inch of thickness).....	12.0
Ceramic and quarry tile ($\frac{3}{4}$ ").....	10.0
Concrete (per inch of thickness)	
Lightweight	6.0 to 10.0
Reinforced (normal weight)	12.5
Stone	12.0
Cork tile ($\frac{1}{16}$ ").....	0.5
Flexicore (6" slab).....	46.0
Linoleum ($\frac{1}{4}$ ").....	1.0
Terrazzo finish (1 $\frac{1}{2}$ ")	19.0
Vinyl tile ($\frac{1}{8}$ ").....	1.4

WALL AND PARTITION DEAD LOADS

Material	Weight, psf
Wood paneling (1").....	2.5
Wood studs (2 x 4 DF-Larch)	
12" o.c.....	1.3
16" o.c.....	1.0
24" o.c.....	0.7
Glass block (4")	18.0
Glass (¼" plate)	3.3
Glazed tile.....	18.0
Marble or marble wainscoting.....	15.0
Masonry (per 4" of thickness)	
Brick.....	38.0
Concrete block.....	30.0
Cinder concrete block	20.0
Hollow clay tile, load bearing.....	23.0
Hollow clay tile, non-load bearing	18.0
Hollow gypsum block	13.0
Limestone	55.0
Terra-cotta tile.....	25.0
Stone.....	55.0
Plaster (1")	8.0
Plaster (1") on wood lath.....	10.0
Plaster (1") on metal lath	8.5
Gypsum wallboard (1").....	5.0
Porcelain-enameled steel.....	3.0
Stucco (⅞").....	10.0
Windows (glass, frame, and sash)	8.0

AVERAGE WEIGHT OF HOUSE BY AREA

Unit	Load/ft. ²
Roof	40 lb.
Attic (low)	20 lb.
Attic (full)	30 lb.
Second floor	30 lb.
First floor	40 lb.
Wall	12 lb.

FIGURING LOADS FOR FRAME OF A TWO-STORY HOME

