

16.25



8 x 8 x 16-IN. BLOCK

ALLOWABLE SUPERIMPOSED UNIFORM LOAD, psf, FOR NON-COMBUSTIBLE  
BLOCK JOIST™ SYSTEM FOR VARIOUS SPANS

Average Block Weight lb	Joist Yield Stress ksi	Span, ft									
		11 or Less	13	14	15	16	17	18	19	20	
30 or Less	36	186	159	131	109	91	76	63	51	44	
30 to 35	36	180	154	126	104	86	71	59	48	39	
35 to 40	36	174	149	121	99	81	66	54	43	34	
30 or Less	50	240	217	197	166	137	114	96	81	70	
30 to 35	50	234	211	191	165	137	114	96	81	70	
35 to 40	50	228	205	185	160	135	114	96	81	68	

- Notes:
- (a) Check with supplier on availability of 50 ksi joists
  - (b) Dead load of the system (47, 53 and 59 psf for 30, 35 and 40-lb block, respectively) has been accounted for and need not be deducted from the tabulated values
  - (c) Two top chord fillers between some top chord panel points are required for spans longer than 17 ft in 36 ksi joists.