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Wall Weights and Areas

(Excerpted from 2015 *Design of Reinforced Masonry Structures*, published by CMACN)



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Average Weight of Completed Wall¹ (psf) and Equivalent Solid Thickness (in)

		Hollow Concrete Block			
		Lightweight 103 pcf			
Wall Thickness		6"	8"	10"	12"
Solid grouted wall		52	75	93	118
vertical cores grouted at	16" o.c.	41	60	69	88
	24" o.c.	37	55	61	79
	32" o.c.	36	52	57	74
	40" o.c.	35	50	55	71
	48" o.c.	34	49	53	69

		Hollow Concrete Block			
		Medium Weight 115 pcf			
Wall Thickness		6"	8"	10"	12"
Solid grouted wall		58	78	98	124