



Nominal Width	Type	Reckoned ^(a) Unit Weight/lbs.		STC ^(b)				NRC ^(c)	SAA ^(d)	Rear Core Depth/in.	% Solid	Equivalent Thickness/in.		Fire Resistance ^(e) Periods/hrs.				R-Value ^(f)			
		Lightwgt ≤ 105 lb./ft ³	Normal Wgt ≥ 125 lb./ft ³	≤ 105 lb./ft ³		≥ 125 lb./ft ³						≤ 105 lb./ft ³		≥ 125 lb./ft ³		Concrete Density lb./ft ³					
				Void	Back Filled	Void	Back Filled					Void	Back Filled	Void	Back Filled	105	120	135			
Sound Cell[®]	12"	Regular	41.5	55.0	48	52	51	55	0.70	0.70	3.38	49.0	5.7	7.3	3.00	4.00	2.75	4.00	5.3	4.5	3.7
	8"	Regular	33.0	44.0	47	NA	49	NA	0.75	0.74	NA	59.1	4.5	NA	2.00	NA	1.50	NA	3.8	3.2	2.6
Acoustade[™]	12"	Regular	40.0	52.5	48	52	51	55	0.70	0.70	3.38	48.2	5.6	7.2	3.00	4.00	2.75	4.00	5.3	4.5	3.7
	8"	Regular	32.0	41.5	47	NA	49	NA	0.75	0.74	NA	57.7	4.4	NA	2.00	NA	2.00	NA	3.8	3.2	2.6
SOUNDBLOX[®]	12"	RSC/RF-4	61.0	67.0	52	59	54	60	0.80	0.81	6.13	57.0	6.6	11.0	4.00	4.00	4.00	4.00	5.4	4.7	3.8
	12"	RSC/RF	61.0	67.0	52	59	54	58	0.85	0.85	4.50	58.8	6.8	10.3	4.00	4.00	4.00	4.00	5.2	4.5	3.7
	10"	RSC/RF	41.0	45.0	48	53	49	53	0.80	0.81	4.25	60.1	5.8	8.9	4.00	4.00	3.50	4.00	4.4	3.8	3.1
	8"	RSC/RF	36.5	40.0	47	50	48	51	0.80	0.81	3.00	62.5	4.7	7.0	3.25	4.00	2.25	4.00	3.4	2.9	2.4
	6"	RSC	27.0	29.0	45	NA	46	NA	0.85	0.85	NA	65.5	3.7	NA	2.00	NA	1.50	NA	2.8	2.4	2.0
	4"	RSC	18.0	24.0	44	NA	45	NA	0.80	0.81	NA	73.0	2.6	NA	1.00	NA	0.75	NA	1.9	1.7	1.5
	8"	Q	34.0	38.0	47	NA	48	NA	0.55	NA	NA	61.3	4.7	NA	3.25	NA	2.25	NA	1.8	1.6	1.5

^(a) Values derived via ASTM C140 testing, sample weighing, or by calculations; actual unit weights may vary.

^(b) Sound Transmission Class values derived per ASTM E413 testing or by NCMA-TEK 13-1B *STC Ratings for Concrete Masonry Walls*; actual installed performance may vary.

^(c) Noise Reductions Coefficient values derived per ASTM 423 Specifications; actual installed performance may vary.

^(d) Sound Absorption Average values derived per ASTM 423 Specifications; actual installed performance may vary.

^(e) Calculated per Equivalent Thickness of Masonry: IBC 721.3; NCMA TEK 7-4 *Fire Resistance Ratings of Concrete Masonry Assemblies*; actual installed performance may vary.

^(f) R-Values derived per NCMA TEK 6-2C *R-Values and U-Factors of Single Wythe Concrete Masonry Walls*; actual installed performance may vary.