

SOUND ABSORPTION COEFFICIENTS

Size	Type	Surface	Exposed Slots/ Cavities	Frequency-Hertz						
				125	250	500	1000	2000	4000	NRC
4"	A-1	Painted	2/2	.12	.85	.36	.36	.42	.45	.50
6"	A-1	Painted	2/2	.62	.84	.36	.43	.27	.50	.50
8"	A-1	Painted	2/2	.97	.44	.38	.39	.50	.60	.45
8"	A-1/RF	Painted	2/4	.12	.85	.36	.36	.42	.45	.50
10"	A-1/RF	Painted	2/4	.12	.85	.36	.36	.42	.45	.50
12"	A-1/RF	Painted	2/4	.62	.84	.36	.43	.27	.50	.50
8"	Q	Painted	2/2	1.07	.57	.61	.37	.56	.55	.55
4"	RSC	Painted	2/3	.18	.64	1.02	.72	.80	.58	.80
6"	RSC	Painted	2/3	.45	1.14	.91	.76	.67	.51	.85
8"	RSC	Painted	2/4	.50	1.00	1.06	.66	.56	.72	.80
12"	RSC	Painted	2/4	.57	.76	1.09	.94	.54	.59	.85
8"	RSC/RF	Painted	2/5	.18	.64	1.02	.72	.80	.58	.80
10"	RSC/RF	Painted	2/5	.18	.64	1.02	.72	.80	.58	.80
12"	RSC/RF	Painted	2/5	.48	1.14	.91	.76	.70	.51	.85
12"	RSC/RF4	Painted	2/5	.18	1.12	1.02	.72	.80	.58	.80
8"	RSR	Unpainted Split Rib	2/2	.61	.81	.57	.55	.66	.64	.65

SoundCell®

Size	Surface	100	125	160	200	250	315	400	500	630	800	1K	1.25K	1.6K	2K	2.5K	3.15K	4K	5K	NRC	SAA
8"	Unpainted	.50	.67	.94	1.16	.89	.68	.59	.51	.55	.66	.75	.78	.79	.77	.71	.68	.69	.69	.75	.74
8"	Painted	.51	.64	1.04	1.17	.95	.67	.57	.46	.48	.59	.68	.74	.73	.73	.67	.62	.58	.54	.70	.70
12"	Unpainted	1.20	.95	.96	.89	.64	.55	.54	.55	.60	.72	.70	.76	.79	.80	.75	.73	.70	.70	.70	.70
12"	Painted	.99	1.28	.93	.75	.61	.50	.48	.46	.54	.69	.70	.73	.73	.70	.61	.60	.60	.50	.65	.63

The above sound absorption data was determined by tests conducted at Riverbank Acoustical Laboratories in strict compliance with ASTM C423 and E795. Actual installed performance may vary.