

NZ Acoustics Ltd

Acoustic Panel NRC Values

(NRC = noise reduction coefficient where 1.0 = 100% sound absorption)

Hz	24mm Wall/Ceiling Designer Panel 200 KG/M3 (On Wall)	50mm Wall/Ceiling Standard Panel 35 KG/M3 (On Wall)	50mm Standard Bass Trap 200 KG/M3 (In Corner)	150mm Super Bass Trap 200 & 35 KG/M3 (In Corner)	Foam Corner Bass Trap (Claimed)	Foam Corner Bass Trap (Measured)
50	0.01	0.02	0.10	0.28	<i>n/a</i>	0.08
63	0.01	0.04	0.15	0.40	<i>n/a</i>	0.08
80	0.02	0.06	0.24	0.95	<i>n/a</i>	0.19
100	0.06	0.12	0.57	1.65	<i>n/a</i>	0.43
125	0.12	0.23	0.82	1.62	1.25	0.60
160	0.30	0.44	1.01	1.20	<i>n/a</i>	0.63
200	0.40	0.50	1.10	1.10	<i>n/a</i>	0.87
250	0.55	0.63	1.27	1.20	1.26	0.96
315	0.65	0.78	1.19	1.27	<i>n/a</i>	0.98
400	0.70	0.74	1.26	1.67	<i>n/a</i>	0.96
500	0.85	0.91	1.18	1.56	1.47	0.93
630	0.90	0.92	1.17	1.34	<i>n/a</i>	0.87
800	0.92	1.00	1.15	1.29	<i>n/a</i>	0.81
1000	0.87	0.99	1.09	1.31	1.42	0.78
1250	0.83	0.95	1.02	1.31	<i>n/a</i>	0.73
1600	0.85	0.96	0.98	1.28	<i>n/a</i>	0.69
2000	0.90	0.99	0.96	1.25	1.24	0.66
2500	0.90	0.94	0.90	1.22	<i>n/a</i>	0.62
3150	0.90	0.96	0.89	1.19	<i>n/a</i>	0.59
4000	0.85	0.95	0.85	1.17	1.29	0.56
5000	0.85	1.00	0.81	1.15	<i>n/a</i>	0.50