

NZ Acoustics Ltd

Acoustic Panel NRC Values

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

Hz	25mm Wall/Ceiling Panel (On Wall)	50mm Wall/Ceiling Panel (On Wall)	50mm Standard Bass Trap (In Corner)	150mm Super Bass Trap (On Wall)	150mm Super Bass Trap (In Corner)	Foam Corner Bass Trap (Claimed)	Foam Corner Bass Trap (Measured)	150mm Mega Bass Trap (In Corner)
50	0.00	0.02	0.10	0.07	0.28	<i>n/a</i>	<i>0.08</i>	0.28
63	0.02	0.04	0.15	0.15	0.40	<i>n/a</i>	<i>0.08</i>	0.40
80	0.04	0.06	0.24	0.40	0.95	<i>n/a</i>	<i>0.19</i>	0.95
100	0.09	0.12	0.57	0.80	1.65	<i>n/a</i>	<i>0.43</i>	1.65
125	0.13	0.23	0.82	1.01	1.62	<i>1.25</i>	<i>0.60</i>	1.62
160	0.16	0.44	1.01	1.04	1.20	<i>n/a</i>	<i>0.63</i>	1.20
200	0.22	0.50	1.10	1.16	1.10	<i>n/a</i>	<i>0.87</i>	1.10
250	0.34	0.63	1.27	1.33	1.20	<i>1.26</i>	<i>0.96</i>	1.20
315	0.46	0.78	1.19	1.23	1.27	<i>n/a</i>	<i>0.98</i>	1.27
400	0.58	0.74	1.26	1.37	1.67	<i>n/a</i>	<i>0.96</i>	1.67
500	0.68	0.91	1.18	1.14	1.56	<i>1.47</i>	<i>0.93</i>	1.56
630	0.74	0.92	1.17	1.15	1.34	<i>n/a</i>	<i>0.87</i>	1.34
800	0.84	1.00	1.15	1.09	1.29	<i>n/a</i>	<i>0.81</i>	1.29
1000	0.91	0.99	1.09	1.03	1.31	<i>1.42</i>	<i>0.78</i>	1.31
1250	0.97	0.95	1.02	1.02	1.31	<i>n/a</i>	<i>0.73</i>	1.31
1600	0.96	0.96	0.98	1.09	1.28	<i>n/a</i>	<i>0.69</i>	1.28
2000	0.98	0.99	0.96	1.14	1.25	<i>1.24</i>	<i>0.66</i>	1.25
2500	0.86	0.94	0.90	1.17	1.22	<i>n/a</i>	<i>0.62</i>	1.22
3150	0.76	0.96	0.89	1.13	1.19	<i>n/a</i>	<i>0.59</i>	1.19
4000	0.66	0.95	0.85	1.11	1.17	<i>1.29</i>	<i>0.56</i>	1.17
5000	0.59	1.00	0.81	1.10	1.15	<i>n/a</i>	<i>0.50</i>	1.15