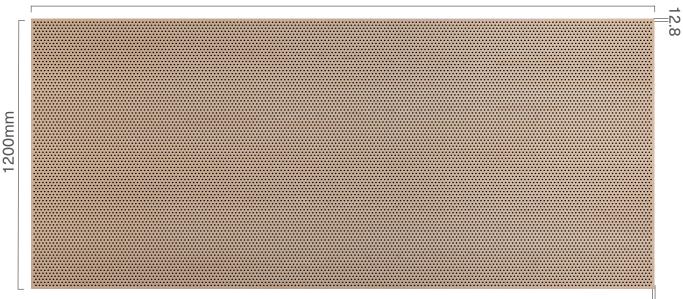


HI513

12

2400mm

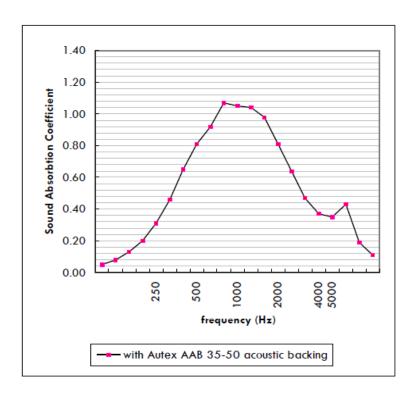


Sound Absorbtion Prediction

NRC 0.75

11% Open Area

50 0.05 63 0.08 80 0.13 100 0.20 125 0.31 160 0.46 200 0.65 250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19 5000 0.11	Frequency	alpha
80 0.13 100 0.20 125 0.31 160 0.46 200 0.65 250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	50	0.05
100 0.20 125 0.31 160 0.46 200 0.65 250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	63	0.08
125 0.31 160 0.46 200 0.65 250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	80	0.13
160 0.46 200 0.65 250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	100	0.20
200 0.65 250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	125	0.31
250 0.81 315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	160	
315 0.92 400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	200	0.65
400 1.07 500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	250	0.81
500 1.05 630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	315	0.92
630 1.04 800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	400	1.07
800 0.98 1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	500	1.05
1000 0.81 1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	630	1.04
1250 0.64 1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	800	0.98
1600 0.47 2000 0.37 2500 0.35 3150 0.43 4000 0.19	1000	0.81
2000 0.37 2500 0.35 3150 0.43 4000 0.19	1250	0.64
2500 0.35 3150 0.43 4000 0.19	1600	0.47
3150 0.43 4000 0.19	2000	0.37
4000 0.19	2500	0.35
	3150	0.43
5000 0.11	4000	0.19
	5000	0.11



Sound absorption coefficients according to ISO354. Based on 12mm panel thickness. Margin of error is generally within +/- 0.05

Prediction by Marshall Day Acoustics based on tests by University of Auckland Acoustic Testing Service

For a Sound Absorption Prediction on your design call the team at Decortech

Phone: 09 579 5726 Freephone: 0200 211 311 Email: info@decortech.co.nz

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