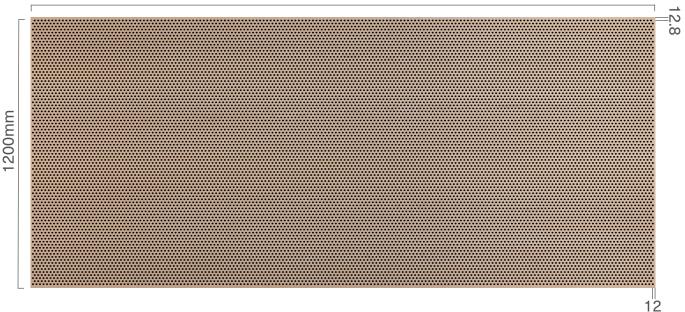


## HI713

2400mm



## Sound Absorption Prediction

NRC 0	.80	21% Open Area		1.40							
Frequency 50	alpha 0.05		ţ	1.20							
63 80	0.07 0.12		Sound Absorption Coefficient	1.00	-			~	~		
100 125	0.18 0.27		on Co	0.80	-		/		1	<b>`</b>	
160 200	0.40		sorpti	0.60	-		/				$\land$
250 315 400	0.72 0.82 0.96		nd At	0.40		/				1	
500 630	0.95		Sou	0.20		/					1
800 1000	0.99			0.00					1. 1. 1.	1 1 1	
1250 1600	0.79					125	250	500	1000	2000	5000
2000 2500	0.54 0.52				frequency (Hz)						
3150 4000	0.68 0.37			[	with Autex AAB 35-50 acoustic backing						
5000	0.22										

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

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