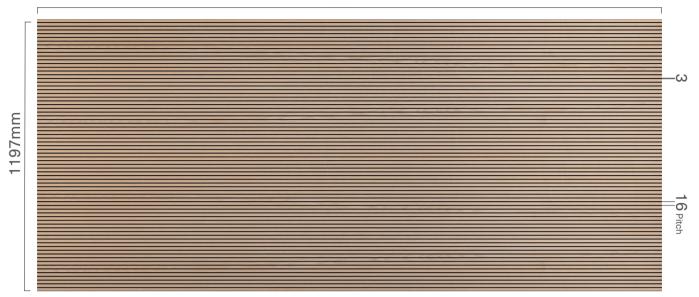


2400mm



## Sound Absorption Prediction

	0 4 5	8.4% Open Area		1.40	
INKC	0.05	8.4% Open Area		1.40	
		_		1.00	
Frequency	Alpha		Sound Absorbtion Coefficient	1.20	
50	0.06		. <u>e</u> .		
63	0.09		iji j	1.00	
80	0.15		ef		
100	0.23		<u></u>	0.80	
125	0.36		e e	0.00	
160	0.55		5	o /o	
200	0.79		iti ti	0.60	
250	0.99		<u>r</u>		
315	1.08		Š	0.40	
400	1.20		Ā		
500	1.08		σ	0.20	
630	0.88		5	0.20	
800	0.63		ō	0.00	
1000	0.43		05	0.00	
1250	0.29				125 250 500 1000 2000 2000 5000
1600	0.20				
2000	0.16				frequency (Hz)
2500	0.16				
3150	0.19				
4000	0.08				—• with Autex AAB35-50 acoustic backing
5000	0.07				

Sound absorption coefficients according to ISO354. Based on 15mm 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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