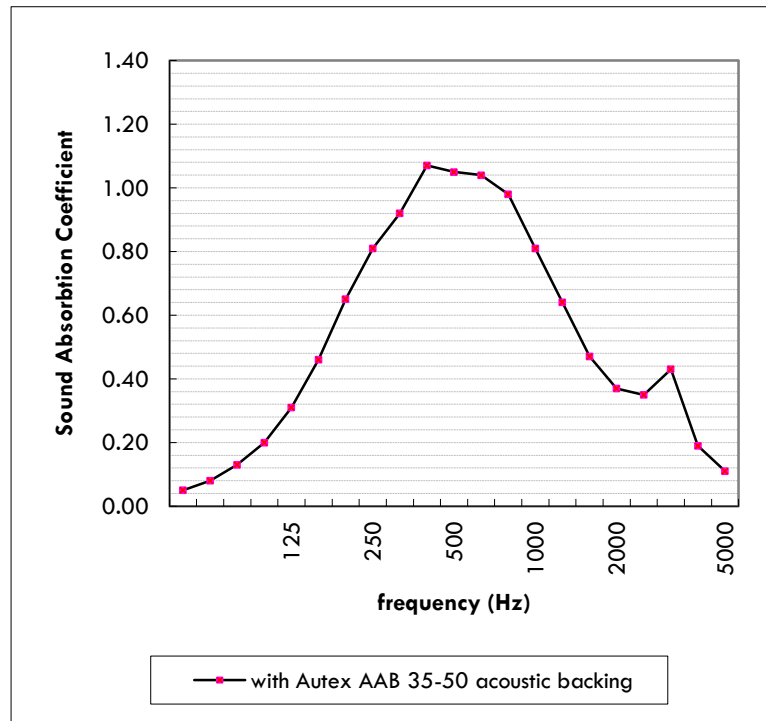


Sound Absorption Prediction

NRC 0.75

11% Open Area

| Frequency | alpha |
|-----------|-------|
| 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 |



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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