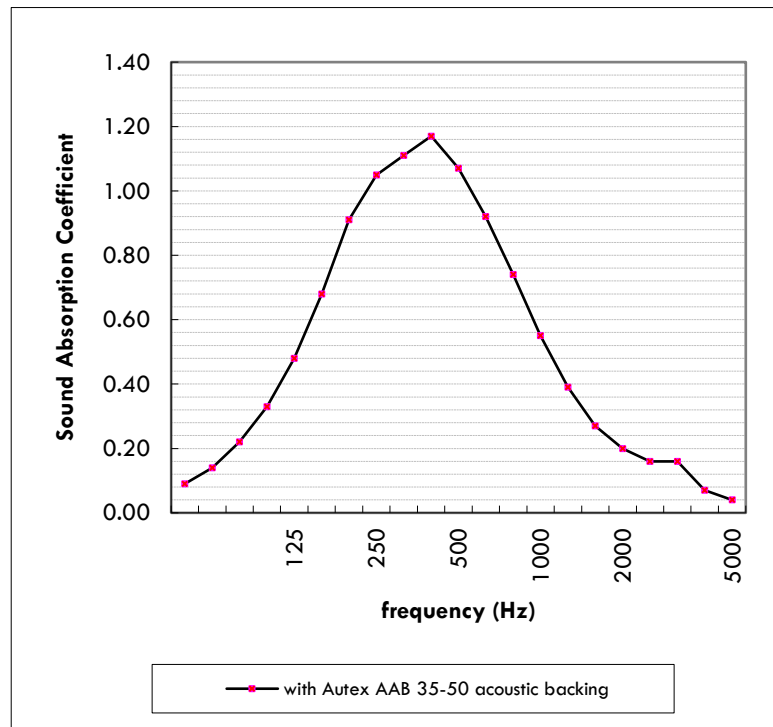


Sound Absorption Prediction

NRC 0.70

5% Open Area

| Frequency | alpha |
|-----------|-------|
| 50 | 0.09 |
| 63 | 0.14 |
| 80 | 0.22 |
| 100 | 0.33 |
| 125 | 0.48 |
| 160 | 0.68 |
| 200 | 0.91 |
| 250 | 1.05 |
| 315 | 1.11 |
| 400 | 1.17 |
| 500 | 1.07 |
| 630 | 0.92 |
| 800 | 0.74 |
| 1000 | 0.55 |
| 1250 | 0.39 |
| 1600 | 0.27 |
| 2000 | 0.20 |
| 2500 | 0.16 |
| 3150 | 0.16 |
| 4000 | 0.07 |
| 5000 | 0.04 |



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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