

Airborne sound absorption measured in a reverberation chamber.

BS EN ISO 354:2003

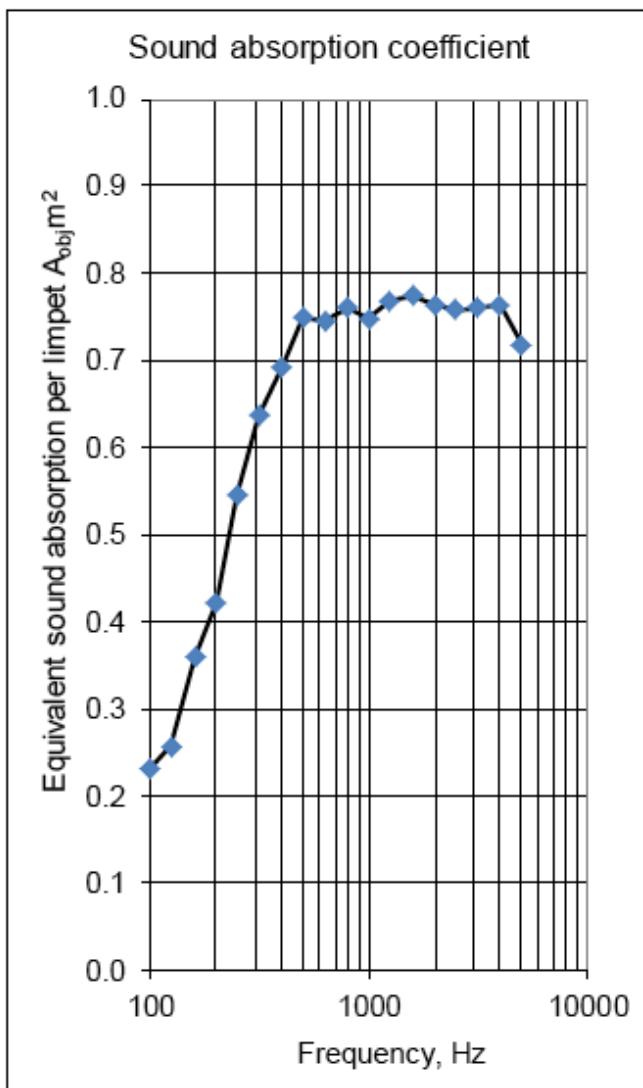
Customer: Woolly Shepherd

Construction tested

Limpets

All samples moved apart. Edges left uncovered

| Frequency Hz | Absorption $A_{obj} m^2$ |
|-----------------|-----------------------------|
| 100 | 0.23 |
| 125 | 0.26 |
| 160 | 0.36 |
| 200 | 0.42 |
| 250 | 0.54 |
| 315 | 0.64 |
| 400 | 0.69 |
| 500 | 0.75 |
| 630 | 0.75 |
| 800 | 0.76 |
| 1000 | 0.75 |
| 1250 | 0.77 |
| 1600 | 0.77 |
| 2000 | 0.76 |
| 2500 | 0.76 |
| 3150 | 0.76 |
| 4000 | 0.76 |
| 5000 | 0.72 |



Test Standard: BS EN ISO 354

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Table 5: Twenty-five individual limpets tested as discrete absorbers