

Village (2x3)

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-41-M33

Date

2014-06-05

| Frequency f [Hz] | Sound absorption area [m ² Sabine] | |
|------------------------|---|-----|
| 50 | 0.02 | |
| 63 | 0.03 | 0.0 |
| 80 | 0.07 | |
| 100 | 0.08 | |
| 125 | 0.11 | 0.2 |
| 160 | 0.26 | |
| 200 | 0.33 | |
| 250 | 0.54 | 0.5 |
| 315 | 0.77 | |
| 400 | 1.04 | |
| 500 | 1.30 | 1.3 |
| 630 | 1.60 | |
| 800 | 1.90 | |
| 1000 | 1.92 | 1.9 |
| 1250 | 1.90 | |
| 1600 | 2.03 | |
| 2000 | 2.04 | 2.1 |
| 2500 | 2.09 | |
| 3150 | 1.93 | |
| 4000 | 1.88 | 2.0 |
| 5000 | 2.18 | |

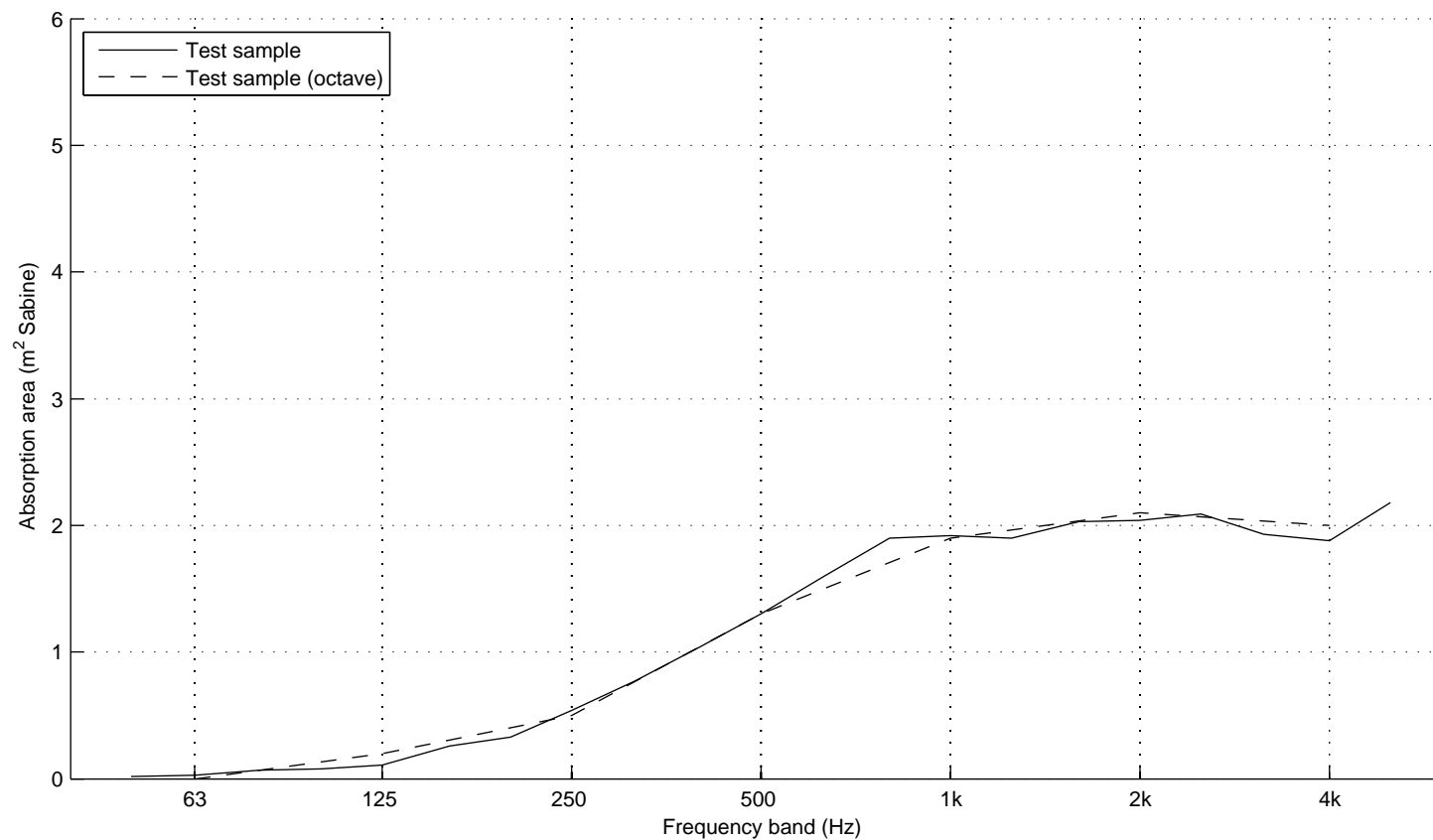
Client: Effect
Manufacturer: Effect
Product identification: Soundwave Village

Description of test specimen: Soundwave Village placerad på golvet. Ljudabsorptionsarea för grupp av objekt (2x3).

Reverberation room volume: 200 m³
Temperature: 14.1 °C (empty: 13.6 °C)
Air humidity: 78.8% (empty: 74.6%)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 2

Measurement date: 2013-06-17

Measured by: Pontus Thorsson



Village med fyllning (2x3)

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-41-M32

Date

2014-06-04

| Frequency f [Hz] | Sound absorption area [m ² Sabine] | |
|------------------------|---|-----|
| 50 | 0.00 | |
| 63 | 0.07 | 0.0 |
| 80 | 0.04 | |
| 100 | 0.14 | |
| 125 | 0.22 | 0.3 |
| 160 | 0.54 | |
| 200 | 0.80 | |
| 250 | 1.14 | 1.2 |
| 315 | 1.59 | |
| 400 | 1.84 | |
| 500 | 2.13 | 2.1 |
| 630 | 2.31 | |
| 800 | 2.20 | |
| 1000 | 2.19 | 2.2 |
| 1250 | 2.23 | |
| 1600 | 2.22 | |
| 2000 | 2.21 | 2.2 |
| 2500 | 2.06 | |
| 3150 | 2.01 | |
| 4000 | 1.97 | 2.1 |
| 5000 | 2.18 | |

Client: Effect
Manufacturer: Effect
Product identification: Soundwave Village med fyllning

Description of test specimen: Soundwave Village med fyllning placerad på golv.
Ljudabsorptionsarea för grupp av objekt (2x3).

Reverberation room volume: 200 m³
Temperature: 15.8 °C (empty: 15.2 °C)
Air humidity: 81.8% (empty: 77%)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 2

Measurement date: 2013-06-20

Measured by: Pontus Thorsson

