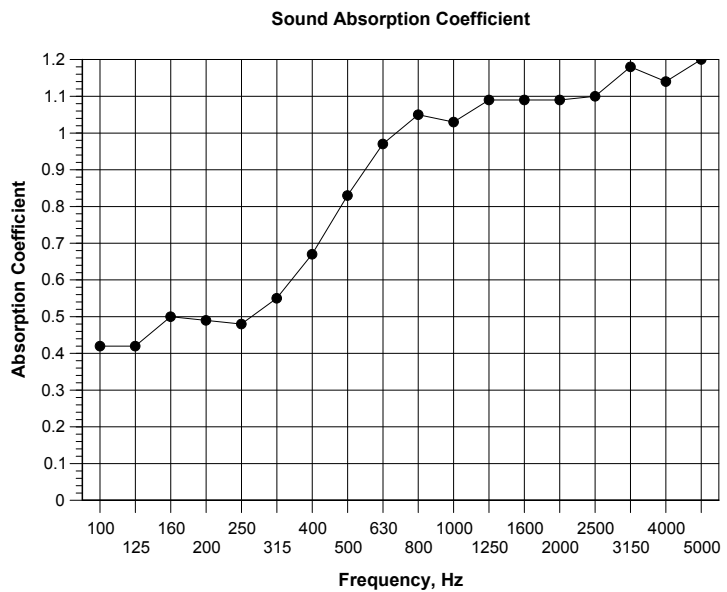


See SRL report C/22993/T02a for full details

The Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

Client: Rockfon
 Test Date: 16/12/2014
 Empty Room: Temperature: 15.4 °C Humidity: 50 %RH Pressure: 1005 mbar
 Room with Sample: Temperature: 15.3 °C Humidity: 49 %RH Pressure: 1006 mbar
 Sample Description: ROCKFON® Blanka™ dB35 600x600x25mm, [REDACTED]
 Mounting Method: E-200
 Sample Area: 10.6 m2
 Chamber Volume: 300 m3

| Test 5 | | | | |
|---------|--------|--------|--------------|--------------------------|
| Freq Hz | T1 sec | T2 sec | Absorp Coeff | Practical Absorp Coeff # |
| 50* | 5.37 | 4.81 | 0.10 | |
| 63* | 5.27 | 3.99 | 0.28 | n/a |
| 80* | 7.77 | 5.78 | 0.20 | |
| 100 | 6.99 | 4.28 | 0.42 | |
| 125 | 7.84 | 4.56 | 0.42 | 0.45 |
| 160 | 7.39 | 4.09 | 0.50 | |
| 200 | 7.01 | 4.03 | 0.49 | |
| 250 | 7.60 | 4.25 | 0.48 | 0.50 |
| 315 | 7.44 | 3.94 | 0.55 | |
| 400 | 6.84 | 3.42 | 0.67 | |
| 500 | 5.55 | 2.78 | 0.83 | 0.80 |
| 630 | 5.31 | 2.51 | 0.97 | |
| 800 | 5.84 | 2.51 | 1.05 | |
| 1000 | 6.30 | 2.61 | 1.03 | 1.00 |
| 1250 | 6.06 | 2.48 | 1.09 | |
| 1600 | 5.35 | 2.36 | 1.09 | |
| 2000 | 4.82 | 2.24 | 1.09 | 1.00 |
| 2500 | 4.18 | 2.08 | 1.10 | |
| 3150 | 3.41 | 1.81 | 1.18 | |
| 4000 | 2.71 | 1.61 | 1.14 | 1.00 |
| 5000 | 2.07 | 1.33 | 1.20 | |
| 6300* | 1.43 | 1.04 | 1.15 | |
| 8000* | 1.18 | 0.88 | 1.25 | n/a |
| 10000* | 0.81 | 0.63 | 1.52 | |



α_w 0.80(H)
 Class B
 Calculated to EN ISO 11654:1997
 NRC 0.85
 Calculated to ASTM C 423-01
 * Denotes frequencies outside the range covered by BS EN ISO 354:2003
 T1, empty room reverberation time
 T2, room reverberation time with sample

Practical absorption coefficient, BS EN ISO 11654:1997

v4.3