

ANNEX
**Measurements of sound absorption area in reverberation room
according to EN ISO 354:2003**

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|--|---|
| Client | Artemide S.p.A. |
| Object | NUR Acoustic |
| Object description | Sound absorbing suspension lamp |
| Date of test | 28/09/2016 |
| Acoustic Laboratory | Reverberation room of the Engineering Department – University of Ferrara |
| Reverberation room volume | 253 m ³ |
| Number of objects | 4 objects, at least 2 m apart |
| Mounting depth | 650 mm |
| Temperature (empty room/room with objects) | 25°C / 25°C |
| Relative humidity (empty room/ room with objects) | 49% / 49% |

| Frequency [Hz] | T1 [s] | T2 [s] | A _{obj} [m ²] |
|-------------------|-----------|-----------|---------------------------------------|
| 100 | 7.44 | 5.14 | 0.6 |
| 125 | 7.61 | 4.30 | 1.0 |
| 160 | 7.20 | 4.40 | 0.9 |
| 200 | 7.15 | 4.31 | 0.9 |
| 250 | 6.93 | 4.19 | 1.0 |
| 315 | 6.96 | 4.08 | 1.0 |
| 400 | 6.74 | 3.87 | 1.1 |
| 500 | 6.77 | 3.64 | 1.3 |
| 630 | 6.45 | 3.49 | 1.3 |
| 800 | 6.18 | 3.31 | 1.4 |
| 1000 | 5.98 | 3.22 | 1.5 |
| 1250 | 5.43 | 2.99 | 1.5 |
| 1600 | 4.85 | 2.76 | 1.6 |
| 2000 | 4.32 | 2.51 | 1.7 |
| 2500 | 3.97 | 2.35 | 1.7 |
| 3150 | 3.51 | 2.11 | 1.9 |
| 4000 | 3.11 | 1.92 | 2.0 |
| 5000 | 2.63 | 1.69 | 2.1 |

