

Appendix B

BB93 Performance standards

Performance standards for reverberation in teaching and study spaces – mid frequency reverberation time T_{mf} in finished but unoccupied and unfurnished rooms

| Type of Room | T_{mf} (seconds) |
|--|--------------------|
| Nursery school playrooms | <0.6 |
| Nursery school quiet rooms | <0.6 |
| Primary school: classrooms, class bases, general teaching rooms, small group rooms | |
| Secondary school: classrooms, general teaching areas, seminar rooms, tutorial rooms, language laboratories | <0.8 |
| <i>Open plan</i> | |
| Teaching areas | <0.8 |
| Resource areas | <1.0 |
| <i>Music</i> | |
| Music classroom | <1.0 |
| Small practice/group room | <0.8 |
| Ensemble room | 0.6 – 1.2 |
| Performance/recital room | 1.0 – 1.5 |
| Recording room | 0.6 – 1.2 |
| Control room for recording | <0.5 |
| <i>Lecture Rooms</i> | |
| Small (fewer than 50 people) | <0.8 |
| Large (more than 50 people) | <1.0 |
| Classrooms designed specifically for use by hearing impaired students (including speech therapy rooms) | <0.4 |
| Study room (individual study, withdrawal, remedial work, teacher preparation) | <0.8 |
| Libraries | <1.0 |
| Science laboratories | <0.8 |
| Drama studios | <1.0 |

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| <i>Design and Technology</i> | |
| • Resistant materials, CAD/CAM areas | <0.8 |
| • Electronics/control, textiles, food, graphics, design/resource areas | <0.8 |
| Art rooms | <0.8 |
| Assembly halls, multi-purpose halls (drama, PE, audio/visual presentations, assembly, occasional music | 0.8 – 1.2 |
| Audio-visual, video conference rooms | <0.8 |
| Atria, circulation spaces used by students | <1.5 |
| Indoor sports hall | <1.5 |
| Gymnasium | <1.5 |
| Dance studio | <1.2 |
| Swimming pool | <2.0 |
| Interviewing/consulting rooms, medical rooms | <0.8 |
| Dining rooms | <1.0 |
| <i>Ancillary spaces</i> | |
| Kitchens | <1.5 |
| Offices, staff rooms | <1.0 |
| Corridors, stairwells | see section 1 1.6 |
| Coats and changing rooms | <1.5 |
| Toilets | <1.5 |