

Lauriston Primary School, London, UK

CDM-LAT, CDM-MACHINE-FLOAT



Client Lauriston Primary School
Main Contractor Neilcott
Architect Meadowcroft Griffin
Acoustic Consultant Bickerdike Allen Partnership
Details 12 classrooms: 684m²
Plantroom: 84m²

• This new building was constructed in record time due to the prefabricated timber framing system; however because of the lightweight nature of the structural system the floors did not possess sufficient sound insulation to protect vertically stacked classrooms.

• To improve the sound insulation the CDM-LAT system was used to support fibre-cement panels which in turn supported underfloor heating embedded in polystyrene and the final timber floor.

• The plantroom also required a floating floor which was made using similar construction as the classrooms with additional isolation supports under heavy pieces of machinery.



Lauriston Primary School, November 2009



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Finished classroom



Classroom floating floor during installation



Plantroom floating floor during installation

Building

Project Reference