

Architect Dixon Jones
Main Contractor Sir Robert McAlpine
Structural Engineer Ove Arup & Partners
Acoustic Consultant Arup Acoustics
Acoustic Design Load 12MN

• Kings Place is a new 420 seat concert hall in London directly adjacent to Kings Cross main line railway station. The Piccadilly line also runs very close to the building and the tube trains are clearly audible in the basement of the building.

• Arup Acoustics specified that the concert hall had to be isolated on 10Hz elastomer bearings to ensure that tube train noise did not effect the musical performances in the new hall.

• CDM-UK supplied the bearings which were located on top of the columns directly beneath the concert hall. When the building was complete all bolts were removed to ensure that there was no acoustic bridging, therefore optimising the isolation performance of the system.

• The hall opened in October 2008 to critical acclaim. London at last has a truly sensational concert hall.

• The Times *'Resting as it does on rubber springs, the hall is insulated against intrusive rumblings, and its acoustic is marvellous'*

• The Independent *'Cocooned from the noise of traffic and trains,, the acoustic is brilliant'*

• The Guardian *'Classical music sounds terrific in here, with every note, texture and colour perfectly audible over an extreme dynamic range'*

