

Whitehall Theatre



Floating Floor
CDM-ISO-LAT



Architect

Tim Foster

Acoustic Consultant

Paul Gillieron

Area

Rehearsal Studio

Whitehall Theatre is located directly next to Trafalgar Square and forms an important theatre venue for many important West End productions.

As part of the refurbishment works a rehearsal studio was built directly adjacent to the auditorium. To provide adequate sound insulation and impact isolation protection between the 2 spaces the acoustic consultant specified that a CDM-ISO-LAT floor was installed in the studio.

The CDM-ISO-LAT battens were installed on top of timber floor joints on top of which 2 layers of 18mm tongue and grooved plywood were installed. The installed floor supported one of the partitions between the spaces thus minimising flanking.

As well as providing good sound insulation and impact isolation performance the floor also provided a nicely sprung feel, similar to a dance floor, which will be good for rehearsals.



CASE STUDY – CDM-ISO-FLOOR

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