

Blackpool Park , Cork



Concrete Floating Floor

CDM-ISO-LAT



Main Contractor
Architect
Acoustic Consultant
Structural Engineer
Area

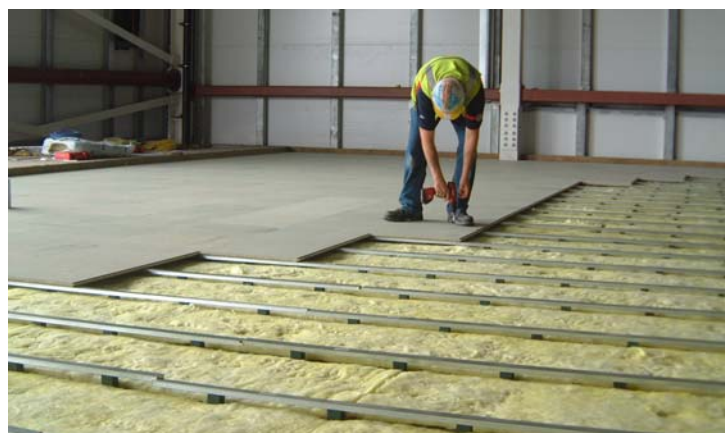
PJ Hegarty & Son
Kelly Barry & O'Brian Architects
AWN Consulting
Joda
7 cinemas totalling 1200m²

Blackpool Park is a huge mixed development in Blackpool, Cork in Ireland. On the first floor of one of the 3 large new buildings is a seven cinema complex. These cinemas are located directly above exclusive retail outlets and the client was extremely keen to avoid any noise nuisance caused by the cinemas.

The acoustic consultant specified a concrete floating floor system for each cinema, with a maximum natural frequency of 12Hz, to ensure that noise nuisance did not occur.

The floating floor system was installed by CDM-UK using CDM-ISO-LAT-60 isolation rails with bearing pads specifically designed to achieve the acoustic specification and to take the high imposed loads.

The flexibility of the system allowed additional bearings to be inserted where loads were especially high. The simplicity of the system facilitated an installation period of just one working week.



CASE STUDY – CDM-ISO-FLOOR

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