Experience of CLT construction proves invaluable

Products used: C40 cradle & batten flooring

Client: Mouchel Babcock Education for Hackney Borough Council, London

Architects: Jestico + Whiles

Main Contractor: Willmott Dixon

As part of a major building and refurbishment programme at Mossbourne Victoria Park Academy, a new sixth form building was constructed using cross laminated timber (CLT). InstaCoustic was specified by the design team of Willmott Dixon to supply and fit 2,000m² of its C40 raised acoustic flooring throughout the new two storey building.

Although a relatively new construction technology, InstaCoustic had worked on two other education building projects that had used CLT. This proved to very useful as InstaCoustic worked closely with all other parties, using this knowledge to assist with the design.

The C40 system was installed on both floors with the ground floor then having a raised access floor installed on top of it to house all power and IT cabling while the first floor had an additional 19mm plasterboard plank to provide enhanced acoustic performance.

InstaCoustic flooring was specified as it provided various benefits:

- It provided excellent acoustic insulation.
- The C40 system is height adjustable on site and so was laser-levelled to give a completely even floor surface as well as providing a range of finished floor heights to suit adjoining areas such as the sports hall and reception area.
- The C40’s acoustic rubber crumb cradles’ 60 year guarantee demonstrated the durability and long-term performance of the floor.

Willmott Dixon had previous good experience of the C40 acoustic flooring and of InstaCoustic’s ability to provide a high quality installation service, working in harmony with other trades on a very confined site while also co-operating closely with the project design team.

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