



Liberty Gardens

Client: VINCI Construction • System: TS Rail • Material: Silicone Render, EPS
Sector: Residential, High Rise, Education • Build Type: Concrete



This is a fast track construction of student accommodation in the centre of Cardiff. The frame of the construction is cast concrete with a lightweight steel infill.

External wall insulation was chosen as it provided the most cost effective and quickest cladding option for a building that had to be built in the shortest time frame and within a tight budget.

Contained within the stud is 50mm mineral wool insulation, assisting with the walls thermal, acoustic and fire performance.

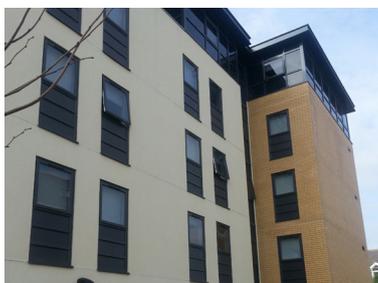
The render provides the appearance of mass to a building which is of a lightweight construction.



120mm of white EPS with mineral wool fire breaks has been fitted external to the frame, generating a U-Value of 0.22W/m²K.

Keeping the students, our country's future, warm and within an environment which is not only conducive to learning but also partying, hopefully not in equal measure.

The system supplied is the SPSenviowall wall system 1 highly polymer modifier mesh reinforced basecoat with 1,5 mm grained silicone coloured top coat topcoat.



These colours contrast well with the grey metal rainscreen cladding.

The architect was keen to introduce joints at floor slab elevations to panelise the façade, providing a more complimentary match to the metal cladding.

CPD events available

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