# LeSoCo, South London

**Case Study**

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<th><strong>Project data</strong></th>
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<td><strong>Project:</strong></td>
<td>LeSoCo, South London</td>
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<td><strong>Project outline:</strong></td>
<td>The creation of a major new college building and refurbishment of the existing buildings on its site</td>
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<td><strong>Architect:</strong></td>
<td>Richard Hopkinson Architects</td>
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*Build for the world we live in*
Knauf Designboard 230 combines aesthetics with practicality at LeSoCo.

Architects designing the striking atrium at the entrance to a multi-million college development in South London have employed Knauf Designboard 230 Wood panels from Knauf – the UK’s leading manufacturers of lightweight building materials and systems – to provide the aesthetic appeal of real wood veneer combined with the practical benefits of gypsum fibre panel.

LeSoCo, an amalgamation of Lewisham College and Southwark College, engaged Richard Hopkinson Architects, working with Platform 5 Architects and Deloittes in a £40 million plus, 14,100m$^2$ project to create a major new college building and refurbish existing buildings on its site in The Cut, by Waterloo.

Peter Allen, partner with Platform 5 Architects, says the suggestion to use Knauf Designboard 230 Wood came from the sub-contractor, HLS Installation, which pointed out the advantages of the panel. “Originally we wanted to use real wood as a natural material to give the space a warm, welcoming feel so we would have had hardwood timber panels fixed up to timber noggins with insulation laid behind,” he explained. “But we opted for Knauf Designboard 230 Wood because there is no thermal movement once it has been installed and the real wood veneer meant there was no compromise in appearance – it was a very close match.”

After being introduced to the project by HLS Installation, Knauf not only provided samples but also worked with the company to develop a fixing system and pre-cut panels that would simplify and accelerate the final installation.

“We highlighted the advantages of using the Knauf Designboard 230 panels,” said Mark Snelling, Senior Project Manager at HLS Installations. “They’re pre-finished, maintenance free, and moisture resistant.

“The panels that we used on the angled ceiling were all pre-mitred and had countersunk holes pre drilled so as to speed up the on site works. The straight sections were formed out of 3m panels cut to suit on site. We used the Knauf C profile sub-grid, this was preferred over the MF grid for its use on the sloping sections of the ceiling.”

A high tech, fully engineered product, Knauf Designboard 230 panels are prefabricated for easy installation, as Peter Allen noted. “The panels were delivered palletted and in stacks, pre-cut and ready to install – you wouldn’t get that with timber.”

Developed to provide both aesthetic versatility and outstanding performance, the Knauf Designboard 230 collection consists of a high performance gypsum fibre panel substrate with a range of specialist surface finishes. Knauf Designboard 230 Laminate is supplied with continuous pressure laminate (CPL) or high pressure laminate (HPL) surface finishes in a range of solid colour, wood, metal and stone effects.

Knauf Designboard 230 Wood panels are finished with a real wood veneer surface. Standard options include Oak, Beech, Maple, Walnut, Elm and Ash, but other finishes can be sourced to satisfy individual customer requirements.

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KML100168