



# Dr Chau Chak Wing Building - UTS Sydney

IMPACT & PERFORMANCE



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## Project Summary

<b>Project:</b>	Dr Chau Chak Wing Building – UTS Sydney
<b>Location:</b>	Ultimo, Sydney, NSW
<b>Architect:</b>	Gehry Partners with Sydney based Daryl Jackson Robin Dyke as the local Executive Architects
<b>Builder:</b>	Lend Lease
<b>Application:</b>	Cavity Walls and Concrete Soffit

## Description

When it opened in Sydney in early February 2015, the Dr Chau Chak Wing Building – designed by renowned architect Frank Gehry in association with Daryl Jackson Robin Dyke Architects – attracted immense interest, as much for the quality of its fittings as its ‘folded’ façade design.

Constructed in less than 18 months, the 12-storey building has been designed to accommodate the University of Technology, Sydney’s (UTS) business school.

As a 5 Star Green Star building, the structure is as efficient as it is bold, with innovative, world-class insulation products evident throughout the building.

### LOW-PROFILE PARKING

Due to the low profile of the basement roof, it was necessary to find an insulation solution that would not only be thermally effective, but which would also take up minimal space and satisfy the required fire rating.

*Kingspan Kooltherm® K10 FM Soffit Board* was the obvious choice. The thin profile of the board meant the ceiling height could be maximized without sacrificing thermal performance.

### PROTRUDING WINDOWS

Some of the most striking features of the façade are the protruding rectangular window boxes that jut out from the brickwork walls.

These glazed marvels are a key feature of the building, providing strong linear focal points within the crumpled curvature of the brickwork. Interestingly, *Kingspan Kooltherm® K10* insulation boards, just 60 mm deep, were installed in the window boxes to achieve superior thermal performance. These narrow-profile panels allow the boxes to maintain a visual lightness that is essential to the overall ‘treehouse’ playfulness of the façades.

### CAVITY WALLS

Similarly, *Kingspan Kooltherm® K8 Cavity Board* installed in cavity walls featuring block work again offer the design advantages of narrow-profile efficiency.

*Kingspan Kooltherm® K8 Cavity Board* is a super high performance, fibre-free rigid thermoset phenolic insulation, faced on both sides with a low-emissivity composite foil for optimal low-profile efficiency.

For more information about Kingspan Insulation, call 1300 247 235.



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