

Michael Kirby  
Building

PROJECT

# MACQUARIE UNIVERSITY

LOCATION  
Sydney,  
Australia

## PIONEER FOR MODERN WOOD DESIGN

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In March 2024, the Michael Kirby Law School at Macquarie University in Sydney, Australia, opened its doors to the public. The impressive timber structure was erected on the existing concrete foundations and first floor of the former faculty premises. The previous inner courtyard was replaced by a new, light-filled atrium. By reusing the existing framework and employing wood as the primary material comprising 930 cubic meters of KLH® – CLT the environmental footprint was significantly reduced. The lightweight nature of timber made it possible to add three additional levels on top of the existing concrete framework, which would not have

been feasible with traditional concrete techniques. Meticulous planning, design, manufacturing, and factory assembly ensured that the timber framework could be installed swiftly and efficiently. This project is a remarkable example of sustainable development and demonstrates how innovative use of materials can help minimize environmental impact.

### PROJECT INFO

Volume of KLH® – CLT: 4.600 m<sup>2</sup> / 930 m<sup>3</sup>

Stored carbon: 709 tonnes

Regrowth time in Austria: 16 minutes



### ARCHITECTURE

Hassell Studio

### BUILDER

FDC Fitout and Construction

### TIMBER ENGINEERING

TTW Engineers

### STRUCTURAL- AND ELEMENT PLANNING

Rubner Timber Engineering

### PHOTOGRAPHY CREDITS

KLH Pacific Pty Ltd.