



# The University of Queensland

## TIMBER SPECIFICATIONS

Glulam: GL13 Radiata Pine H3  
Rafters: 700 x 170 mm GL13 H3  
Columns: 700 x 170 mm, (Seating partitions) 260 x 65mm GL13 H3  
Coating: Cutek Extreme (Column & Rafters), Intergrain (Seating Partitions)

## WE WORKED WITH

Builder: Buildcorp  
Architect: DM2 Architecture  
Engineer: Bligh Tanner Structural Engineers

## THIS PROJECT WAS LOCATED IN

Queensland

## THIS PROJECT TOOK PLACE IN

2019

## WE USED THESE PRODUCTS

[GL13 Radiata Pine Glulam](#)  
[Fabrication](#)  
[Coating](#)



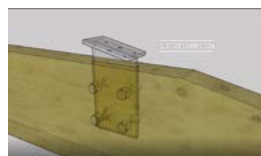
## A UNIVERSITY RE-DEVELOPMENT WITH PORTALS AND SPECIAL TIMBER SEATING PARTITIONS.

The physiology refectory (Building 63A), located at the University of Queensland has been re-developed to become a food complex with dining areas and improved accessibility. The new centre now comprises of seven food outlets, a self-service kitchen with microwaves, and a spacious indoor and outdoor seating area.

Vicbeam supplied portal frames of GL13 Radiata Pine H3 timber with eight 17.5 metre rafters and 6.0 metre columns prefabricated. Each portal frame relates to Rothoblaas plate connections and a mix of M16 and M20 Bolts. In addition, black steel polls are installed in between portals, creating stability between them whilst adding a subtle industrial appearance to the structure of the building. Once assembled, these portals provide support for the roof and looks impressive with the dome lighting and interior settings.

Vicbeam also demonstrated timber craftsmanship by fabricating nine GLT (Glue Laminated Timber) Seating Partitions with curve finishes to the corners of each member. The Seating Partitions are installed separately into arranged sections, with the curve distinctively showing towards the open space. The curve adds a nice rounded style to a building dominated with hard-edge steel finishes and window frames.

The portals are finished with a coat of Cutek Extreme while each Seating Partition is coated with Intergrain to achieve that natural timber finish. Most importantly, the coating will provide a layer of protection to the timbers that will need to endure the fast-pace and busy environment of a food court at the University of Queensland.



[University of Queensland Physiol 3D Model Design](#)

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