



San Clemente

TIMBER SPECIFICATIONS

Glulam: GL18 Vic Ash Hardwood
Rafters: 1050 x 260mm GL18
Columns: 1050 x 260mm GL18
Coating: Cutek Walnut

WE WORKED WITH

Builder: North Construction & Building
Engineer: Vistek Structural Engineers

THIS PROJECT WAS LOCATED IN

Mayfield

THIS PROJECT TOOK PLACE IN

2018

WE USED THESE PRODUCTS

GL18 Vic Ash Hardwood Glulam
Fabrication
Coating

A BASKETBALL COURT WITH GLUE LAMINATED TIMBER PORTAL VIEWS

The San Clemente High School Mayfield, NSW features six GL18 Vic Ash Hardwood Glulam portals that provide structure and timber texture to a school's multi-purpose hall. Designed to the scale of a basketball court, the building has levels of seating arrangements overlooking the court with commanding views of mass glulam beams spanning 24 metres.

The project is another great example of Vicbeam's list of successful portals made with GLT (Glue Laminated Timbers) rafters and columns. Given that the maximum manufacture length for GLT (Glue Laminated Timbers) beams is 18 metres, the successful completion of this lengthy project is a testament to Vicbeam's 'can-do' attitude and customizable service.

The San Clemente project was a unique job which required fabrication for specially made splice connections to satisfy the required length. The connection was tested for induced bending moment to ensure connection integrity was within design parameters. Additional steel plates are connected internally to the bottom of each column and bolted down onto concrete filled flooring to provide a stable support of portals.

Finished with a coating of Cutek Walnut, these portals demand attention from multiple entrances of the hall. Its grand size and one of a kind connection detail proves an inspiration to the industry due to Vicbeam's quality analyst testing and pre-fabrication knowledge.

Vicbeam fabricated this unique process of connection in-house and on a larger scale. Making the San Clemente project one of Australia's largest portals to be installed with this unique connection.

View all of our projects at www.vicbeam.com.au

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