



## MASS TIMBER CONSTRUCTION



With the growing interest for sustainable materials within the construction industry, Savcon can identify the need and demand for Mass Timber Construction.

Mass Timber Construction is a blend of sustainable timbers of either Radiata Pine and Spruce, these are timbers that are being regenerated constantly throughout the world.

Savcon is now involved in multiple projects throughout Sydney and Canberra that are unique and propelling MTC designs into the Australian Market.

*Mario Savva*

Managing Director  
SAVCON PTY LTD



# Gunyama Aquatic Centre



Zetland, Sydney

**Builder-** CPB Contractors

1200 x 180mm x 36m Glulams Beams free span  
105mm CLT Top Plate

Savcon has the complete D&C for this package with complete supply and install from our suppliers in NZ. The team has worked very closely with engineers and designers to achieve this seamless look within the connection but also considering the process required to minimise the crane operation. Within the beams are also perforated panels that are assisting with acoustics and also return air flow within the aquatic centre.

# Western Sydney Airport Visitor Centre



Badgery's Creek, NSW

**Builder-** Watpac

Install of the LVL and CLT structure

With the new airport being built, Savcon has been awarded the contract for the complete install of this visitor centre that will be a marque building for this amazing project for Sydney and NSW. The complete structure is built from various LVL and CLT members along with MGP10 pine wall structures.



# UNSW Level 11 Lounge



Kensington, NSW

**Builder-** Growthbuilt

Various Glulam components

This tender was originally designed with steel and clad timbers to create the image of solid timbers. Savcon was concerned of the risk with weather exposure and durability in time, which is why the proposal of Mass Timber was introduced as a cost saver but also a more suitable design option in H3.2 Radiate Pine. The significant benefits for this method is durability of materials to the external environment and also the ease of minimal time for the erection.

# Stromlo Aquatic Centre



Stromlo, ACT

**Builder-** Kane Constructions

Complete Glulam Structure

This is certainly one of the most challenging MTC projects within Australia and also for the Italian manufacturers Rubner. With multiple challenges for this install ranging from the section size and weight, the 47m length of beams and limited access, Savcon has been awarded with great confidence from Kane Constructions to install this mammoth project. It will be a challenge but certainly one that the Savcon team is up for.



# Barrack Place



Sydney CBD

**Builder-** Built

Glulam Portal Frames

The design intent for this project was for solid timber portal frames to the new lobby. As these sections were too large to handle and install within the lobby, Savcon redesigned this with LVL sub frames and Spruce Glulam slabs. These were attached to the LVL subframes for the intent look of a MTC beam.

## Macquarie University Clinical Education Building



Macquarie University, NSW

**Builder-** Buildcorp Contracting

Complete Glulam/CLT Structure

Savcon has been awarded the complete install of this amazing Glulam Structure Building. This is a complete structure of all Glulam and CLT components within the project with a timber mass value of timber of approx. 1650m<sup>3</sup>.