



INSPIRING EXCELLENCE

CLIENT : Iona College
 MAIN CONSTRUCTION COMPANY : Tomkins Commercial
 PROJECT MANAGER : Gaskin Construction Services
 ARCHITECT : Conrad Gargett
 STRUCTURAL ENGINEER : ACOR
 CONSTRUCTION VALUE : \$25 million

Iona College's new Provence Centre is a 2,500-seat multi-purpose indoor sports facility with the ability to host signature sporting events along with large College and community gatherings. The new facility includes two basketball courts, two volleyball courts, a perimeter running track, along with staff rooms, changing rooms, general learning areas, a gym, kitchen, storage areas, and an open-air carpark.

Situated in the Archdiocese of Brisbane, Iona College named its new gathering space The Provence Centre, after the Provence region in France, the birthplace of St. Eugene de Mazenod, founder of the Oblates of Mary Immaculate.

The building has been in the pipeline for 35 years, with the College undertaking a range of projects to further enrich the College's facilities.

"Our College is both sports and community orientated. We like to support and engage our local community and during COVID-19 times we felt it was even more essential. As such we awarded 20% of our contracts to Iona related families and a further 35% were awarded to local micro community members located within 10kms of the College. It was great to see over 400 people employed throughout the construction phase," said Susan Boban, Manager Corporate Services at Iona College.

Tomkins Commercial was awarded the Design and Construct contract to deliver the new facility over a 48 week period, with construction starting onsite in June 2020. "Tomkins Commercial provided a seamless service with constant communication throughout. Gaskins Construction Management were engaged as our Project Managers and proved to be invaluable through the entire project," Susan explained.

The student community were given a unique opportunity to engage with the project, and relate their studies to a practical professional environment. Students from the College's IDT department who are studying Construction Skills were able to tour the site and witness the construction first hand.

The state-of-the-art facility features basketball and volleyball courts which are made to International Olympic Standards, including the lighting. The capacity of the space enables the entire College to come



together as one, while still providing a sense of closeness for those gathered inside. The mosaic, created by artist Scott Harrower and his team, fountains and architecture make this project a work of art.

To ensure the best results for the range of activities the centre will house, the building was fitted with shock-absorbing, sprung timber flooring, an integrated HVAC system and retractable stadium seating.

Entirely funded by the College, the project came in under budget, and included the provision to plant 4,178 trees around the College grounds.

Prior to the start of construction for The Provence Centre, Iona College spent six months constructing a new sports oval facility that

was designed to be 'bigger than the Gabba'. Iona College is the only school facility in Queensland to feature a sports oval that replicates the size of the MCG, which has a length of 161m and a width of 138m. The field caters for training in all five football codes – rugby union, rugby league, soccer, touch and Aussie rules.

Iona College is excited to be able to offer their students state-of-the-art facilities all within the grounds of the College itself. Along with the new Provence Centre and sports oval, the College also boasts a performing arts centre, chapel, art precinct, several laboratories, tennis courts, and an 8-lane 50m swimming pool.

For more information contact Iona College, phone 07 3893 8888, email admin@iona.qld.edu.au, website www.iona.qld.edu.au

Fusion HVAC are proud to have implemented the Fusion Modulair™ system found in the new Provence Centre at Iona College, providing air conditioning, cooling, heating, natural ventilation and seamless controls.

The solution, through its integrated BMS, also controls all comfort systems within the centre, such as wall louvres, HVLS ('Big Fans'), and the gym and teaching areas' air conditioning and ventilation.

Fusion HVAC are leaders in the provision of high-energy-efficiency air conditioning solutions for large volume spaces. "The client was already aware of the very successful application of the Fusion Modulair system at the Queensland State Netball Center (NISSAN Arena). Following an inspection with their engineering and consulting teams, they became excited about the industry leading innovations that Fusion HVAC have brought to such applications," explained Mike Palmer, Fusion's Head of Engineering.

The Fusion Modulair solution integrates all aspects of comfort, particularly in the main space, with the ability to control all operating parameters depending on what the needs of the space are, including low velocity airflow to suit competition volleyball requirements, or low noise modes for religious ceremonies.

There is also the added benefit of additional 'air cleaning' and high standard air filtration, and Fusion's integrated attenuator modules. "The modular air conditioning system is essentially invisible in this building. There are no ducts or grilles, or coordination required with sprinklers, lights or scoreboards," said Mike.

Fusion HVAC are specialists in large spaces and with the fully modular nature of the systems, all of the building works, wiring and coordination are known from day one. This is a significant advantage to the builder, project manager and architect. Fusion HVAC had the pleasure of working on the Iona College Provence Centre project and are thankful to Iona and their team for having the faith to run with their system. They would also like to thank Tomkins Builders for another successful project with Fusion, and likewise Iona College for the many compliments that have been provided to the Fusion team. "We are proud to have provided our expertise, world leading equipment, and particularly

our team support to Iona College, and look forward to meeting their needs for many years to come," said Mike.

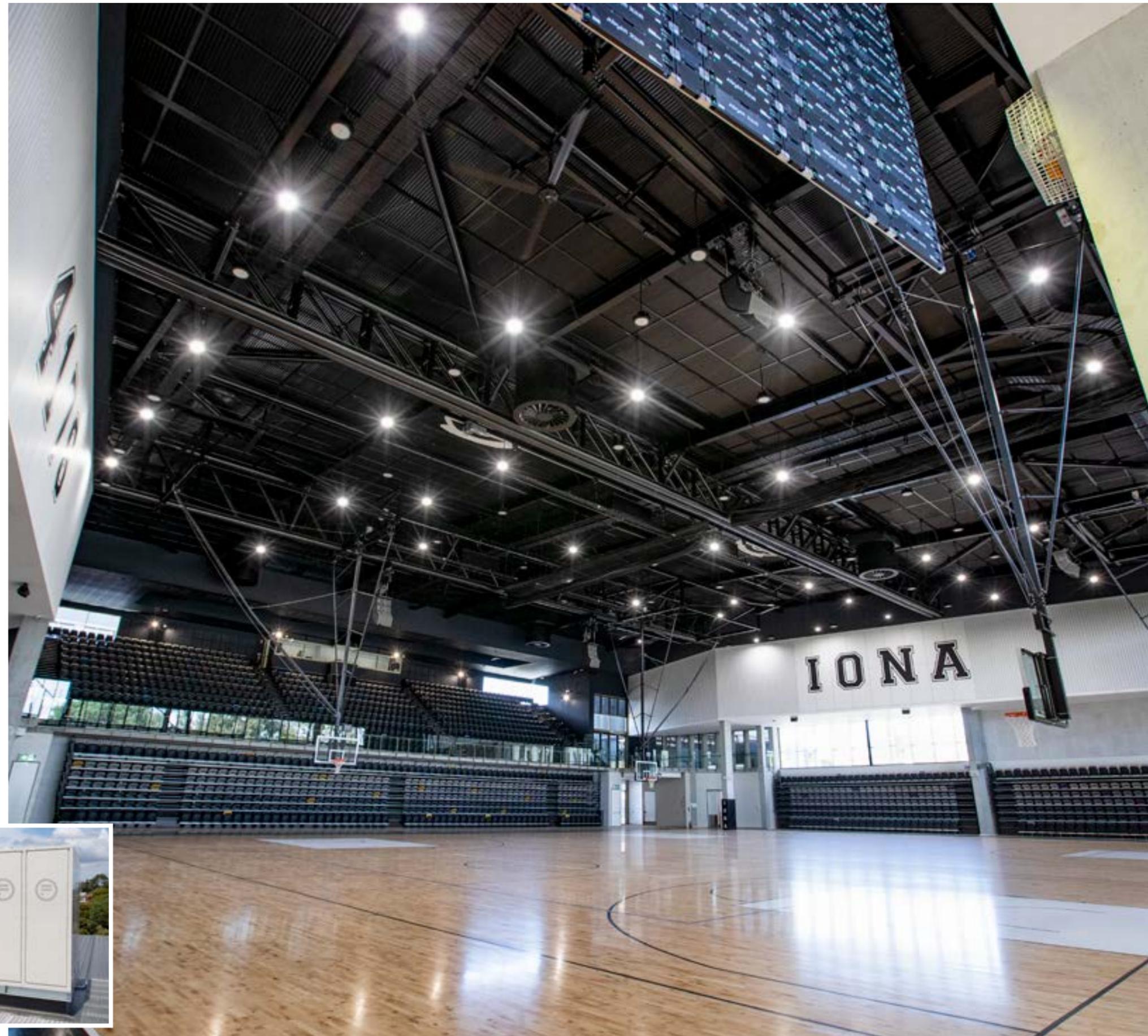
Following on from the hugely successful NISSAN Arena, Iona College Provence Centre, a new sports centre in Melbourne and several other projects, many clients are now looking to the Fusion HVAC team for the best solution for arenas and public spaces.

"We continue to work on large buildings of all types throughout Australia, New Zealand and abroad. We are proud to have recently completed IKEA's new flagship store in Indonesia which was a huge success, and resulted in the client saving over a million US dollars in construction costs, and will save them more in energy in the years to come," said Mike. "We continue to lead the industry in temperature-controlled storage such as pharmaceuticals and critical products.

Further uptake is occurring with comfort conditioning/tempering of large distribution centres to keep team member comfort high, and productivity at great levels for distribution centres and warehouses which are of course, as busy as ever."

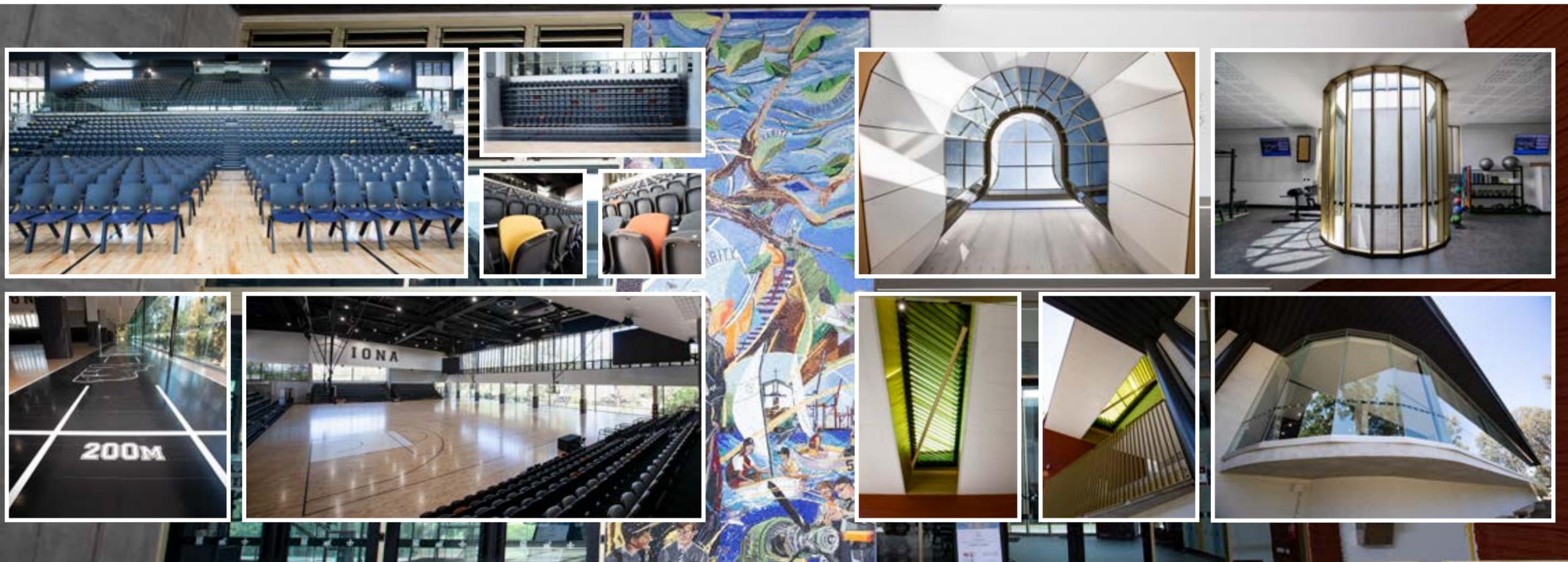
Fusion HVAC are currently undertaking a large number of retail shopping centre works from Perth all the way around the coast to Darwin, and across to New Zealand. The team continues to invest heavily in research and development that drives their innovation, and which has resulted in numerous patents, registered designs, and the development of the industry's foremost solutions for high energy efficiency temperature control.

For more information contact Fusion HVAC, 281 Montague Road, West End QLD 4101, phone 07 3118 5536, info@fusionhvac.com.au, www.fusionhvac.com.au



Below Maxwood Technology supplied and installed a Junckers Unobat 62+ sprung timber sports floor with a TX Telescopic Seating System.

Below BVW Group was contracted to carry out all glass and glazing works for the Iona College Provence Centre.



The recently completed new Provence Centre at Brisbane's Iona College is a 2,300m² multi-purpose sports hall to accommodate basketball, volleyball and other indoor sports, as well as assemblies and school functions with capacity for 2,500 spectators.

Sports flooring and seating specialist Maxwood Technology supplied and installed both fixed and retractable seating and a Junckers Unobat 62+ sprung timber sports floor for the new hall. The TX Telescopic Seating System from Audience Systems was used for the retractable seating which is stored in a closed position when not in use to create greater flexibility for the space.

"The Unobat 62 flooring system we installed is Level 1 FIBA Certified. It comprises of Hardwood Maple flooring, battens and shock absorbing rubber pads to assist with injury prevention and athlete safety," explained Michael Donnelly, General Manager. "The retractable seating extends and retracts over the floor, meaning we need to design the floor to handle the loads and still perform at a high standard for athletes."

Maxwood was engaged early in the process to work with the architects, main contractor and the school and develop the design solution.

"There was extensive collaboration with the project team," said Michael. "We proposed the systems and developed the details including seating units, colours and even the line markings and school logo painted on the surface."

Established in 1989, Maxwood has become the leader in sports flooring and audience seating solutions. Their expertise encompasses projects of all sizes including schools, sports halls and major performing arts venues across Australia and New Zealand.

Maxwood has built their reputation on design innovation and quality service and a range of market leading products. "Audience Systems and Junckers are both world-class manufacturers and as suppliers of both systems we can offer the best value and a combined warranty for both products working together," said Michael.

The completed Provence Centre is another in a long line of exceptional spaces created by Maxwood.

For more information contact Maxwood Technology, 8/4 Prosperity Parade, Warriewood NSW 2102, phone 02 8407 9538, email sales@maxwoodtech.com.au, website maxwoodtech.com.au

The new Iona College Provence Centre is a multi-purpose indoor sports facility that includes two basketball courts, two volleyball courts, a running track, along with staff rooms, changing rooms, general learning areas, a gymnasium, kitchen, storage areas, and carpark. The team at BVW Group was contracted to carry out all glass and glazing works for the project.

"It was great to see the Summer Maize anodised frame used on the project. This isn't very common finish and it really worked for the Iona College project," said Mark Brookes, Director at BVW Group.

BVW Group drew from their extensive knowledge and experience to overcome challenges that came with working on a live site. "We overcame some significant hurdles around the installation of glass roof panels and large frameless butt jointed runs of glass in amongst the full workings of a job site and the practicalities with regard to safety and preventing damage by other trades for the duration of the build," said Tristan, Operations Manager at BVW Group.

"The project was filled with complicated details and logistical challenges combined with the surface finishes being quite susceptible

to damage. It was impressive to have the builder make it all happen in the allocated time in conjunction with all the trades and ultimately deliver a world-class finish," said Tristan.

"We utilised the combined knowledge and years of experience from our in house engineers, our management team, fabrication team and site install team to work out the best way to make the design intent come to fruition as per the client's expectations and all within a very tight time frame," explained Tristan.

BVW Group provides an all-inclusive glass and glazing service for the construction industry with a particular focus on commercial projects. They provide innovative solutions to complex projects, such as the Iona College Provence Centre, and produce quality work that is delivered on time and to budget. The team are currently working on several high rise developments across the state.

For more information contact BVW Group, 1 Johnson Street, Caboolture QLD 4510, phone 07 5498 0000, email sales@bvwgroup.com.au, website www.bvwgroup.com.au