

FAÇADES

Special Feature

RENYI

Hollex Group

Gosford Quarries

**Chevalier (Aluminium
Engineering)**

Seven Facade

Winfix Facades

Ultrafix Commercial

Lysaght

Steel Backed Brick

Modern Glazing Group

Melbourne Cladding Exteriors

Stratco

Altitude Facades

Specialist Façade Simulation
and Compliance Expertise

FAÇADE DESIGN IN THE ERA OF PERFORMANCE-DRIVEN COMPLIANCE

Australia's façade sector is undergoing a structural shift driven by increasingly stringent NCC requirements, tightening energy efficiency targets, and the broader push toward net zero building performance.

As compliance thresholds rise, façade design is no longer resolved at the documentation stage, it is being shaped much earlier through thermal modelling, system selection, and performance verification.

This has elevated the importance of certified façade simulation and building physics expertise, particularly in projects where glazing, framing systems, and envelope detailing must be optimised to meet Section J and BASIX requirements without compromising architectural intent or cost feasibility.

Within this evolving context, specialist consultants such as RENYI Pty Ltd are playing an increasingly technical role in bridging design ambition and regulatory compliance through early-stage façade performance analysis and certified simulation methodologies.

Specialist Façade Simulation and Compliance Expertise

Founded by Allan Ang, RENYI operates at the intersection of sustainable building design, thermal performance simulation, façade optimisation, and NCC compliance.

In 2017, Allan became the first recognised NFRC certified simulator operating in Australia after undertaking intensive training in the United States through the National Fenestration Rating Council programme.

RENYI provides certified thermal performance and façade design advice alongside BASIX and NCC Section J compliance assessments across residential and commercial projects. Accredited in both NFRC and AFRC simulation, the consultancy delivers both international and Australian façade performance modelling, enabling a holistic assessment of building envelopes rather than isolated system components. This integrated capability is increasingly critical as façades shift beyond aesthetics and weatherproofing to become key drivers of energy efficiency, occupant comfort, and long-term building performance.

RENYI has built a strong reputation for delivering highly technical outcomes with a collaborative and responsive approach. "We are able to not only undertake window thermal calculations, but we can also set realistic targets for projects as well," Allan explained. "We can look at the whole building holistically from a sustainability perspective."

Early-Stage Façade Optimisation and Specification

Renyi provided technical advice for the facade design of the Macquarie luxury residential development in Sydney CBD, and this occurred



Pictured: Wee Hur Y Suites On Margaret,
104-116 Regent Street, Redfern.

before a façade subcontractor had even been engaged. "Façades come with a high level of risk. Consulting with us early in the process allows us to identify potential issues, which can otherwise become very expensive design changes later," Allan said.

At Harbourside Darling Harbour, RENYI worked closely with the façade subcontractor during the early design phase to optimise window profiles and glazing selections against Section J energy efficiency targets.

"We undertook NFRC thermal calculations and worked out if the proposed system and glass selection would meet the target," Allan said. "For the windows that didn't meet the target, we provided improvements to how the window frames should be designed, without blowing the budget."

That process took approximately three months and involved highly detailed analysis of frame design, glazing systems, thermal breaks, and façade composition. Using years of technical knowledge and simulation experience, Allan is often able to make subtle adjustments that produce significant energy efficiency improvements without forcing major redesigns.

RENYI's expertise spans major healthcare and residential developments, including the Women's Hospital in Perth, John Hunter Hospital, 699 Park Street for Mirvac, and current projects across Melrose Park and Rhodes.

As Australia's construction industry continues pushing toward higher-performing and more sustainable buildings, RENYI is helping project teams bridge the gap between design ambition, compliance, cost, and



buildability; ensuring façade systems perform not only for today's standards, but for the future of the built environment.

For more information contact RENYI, Level 23, 520 Oxford Street, Bondi Junction NSW 2022, phone 02 9316 8882, email info@renyi.com.au, website www.renyi.com.au

BRINGING GOLD COAST SKYLINES TO LIFE

Hollex Group is redefining commercial facade contracting on the Gold Coast — delivering end-to-end Window Wall, curtain wall, aluminium and cladding solutions for developers who expect more.

In a market defined by bold architectural ambition and uncompromising delivery timelines, Hollex Group has emerged as a go-to specialist for commercial façade solutions across the Gold Coast and southeast Queensland. Founded in 2018 and backed by more than 70 years of combined industry experience, the former Sydney-based contractor brings a level of governance, capability and service culture that few competitors can match.

Licensed under both the NSW contractor framework and Queensland's QBCC, Hollex Group delivers the full spectrum of façade work — from Window Wall, Curtain Wall and Aluminium Architectural Screens. Their end-to-end offering, from design and engineering coordination through to installation, positions them as a single point of accountability for head contractors seeking certainty on complex projects.

Directors Joe Loreface (Sales & Strategy) and Jason Cain (Operations) have built a business that mirrors the professionalism of much larger firms, while retaining the agility and client focus of a specialist contractor. Accounts are externally audited annually by Allan Hall Business Advisors — an AFR Top 100 firm — placing Hollex 12 to 18 months ahead of most businesses at their revenue stage in terms of financial governance.

Recent Gold Coast Projects

Four current projects being delivered on the Gold Coast demonstrate the breadth and quality of Hollex Group's work — each presenting its own unique design and construction challenges and it's where Hollex Group excel. With a strong building background, they review each design with a builder's eye first and then apply their facade expertise to ensure buildability and compliance is achieved.

- Amaya
- Affinity
- Mantaray Lounge
- Elle on Jefferson Street



Amaya

30 First Avenue,
Broadbeach, Gold Coast QLD

A landmark residential tower on the Broadbeach esplanade due for completion May 2026, Amaya comprises of 4 Basements and 34 Stories. The building demanded a façade solution worthy of its premium address. Hollex undertook an extensive design coordination role on this project ensuring the structural envelope eliminated any clashes whilst developing and delivered the full facade package — Curtain Wall, Window Wall, Balustrades and Feature Screen systems — across the building's striking envelope.

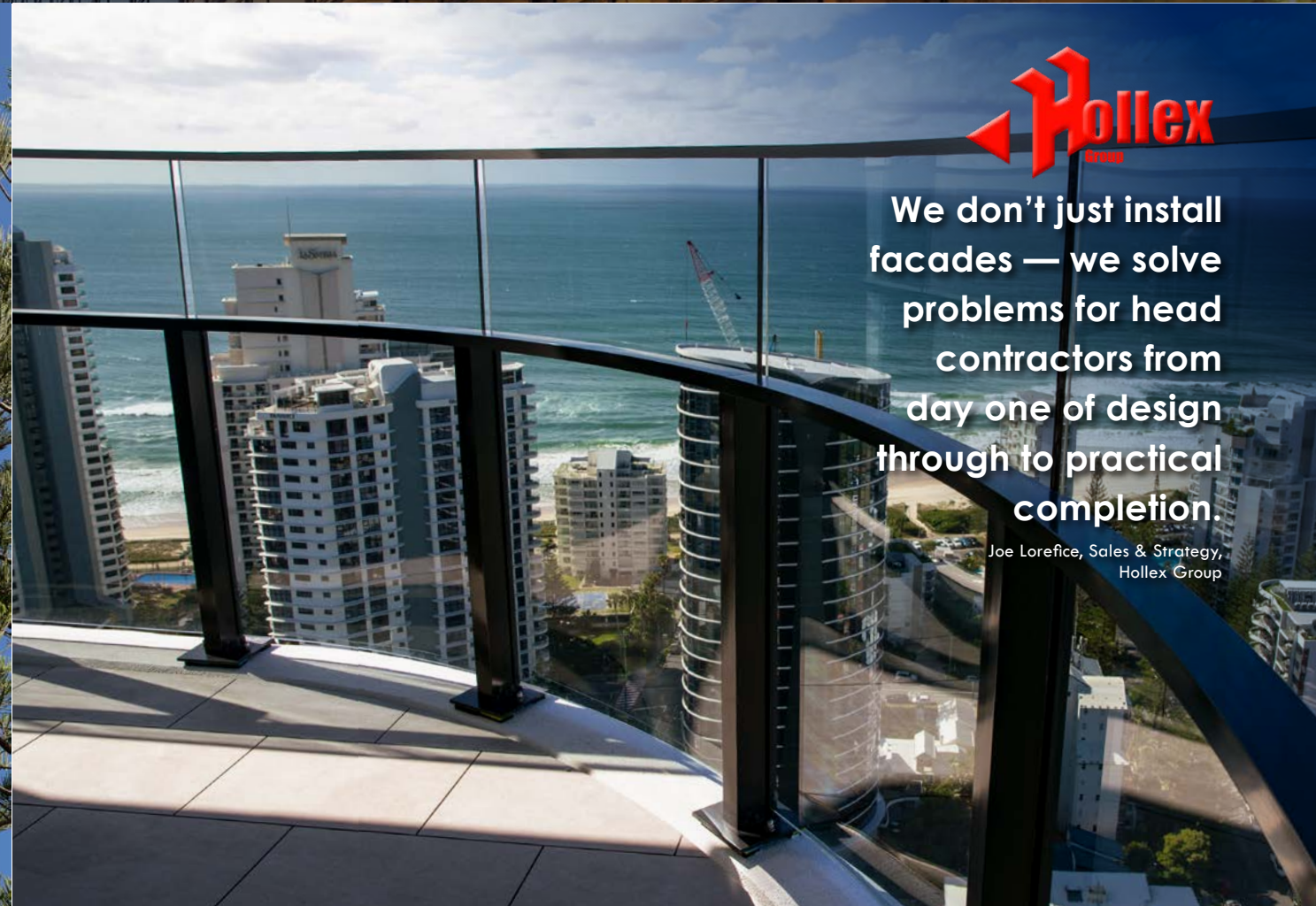
Working closely with the head contractor, the Hollex team coordinated detailed engineering and shop drawings, managed the aluminium and glazing supply chain, and executed a precise installation programme to suit the tower's high-rise sequencing requirements. The result is a facade that delivers the performance required for a coastal residential environment and the architectural refinement the Broadbeach market expects.

Affinity

40-46 Chelsea Avenue,
Broadbeach, Gold Coast QLD

Following the successful delivery of the Amaya project for our client, Hollex have gone on to secure their next project. The Affinity project is a premium residential 39 Story tower in the heart of Broadbeach. At this early stage of Affinity Hollex is well underway with the early design coordination.

Hollex Group is delivering a full facade package for the project consisting of Curtain Wall, Window Wall, Balustrades and Feature Screen systems — across the building's envelope. Working closely with the head contractor and facade engineer, the Hollex team coordinated detailed shop drawings, managing the supply chain, and is ensuring we manage a precise installation programme to suit the tower's high-rise sequencing requirements. The result will be a facade that delivers both the acoustic and thermal performance required for a coastal residential environment the this competitive Broadbeach provides.



**We don't just install
facades — we solve
problems for head
contractors from
day one of design
through to practical
completion.**

Joe Loreface, Sales & Strategy,
Hollex Group

Mantaray Lounge

Lot 503 Seaworld Drive,
Main Beach, Gold Coast QLD

Adjacent to the iconic Sea World precinct, the Floating Mantaray Lounge project features a bespoke facade package to meet a challenging project brief. This venue's bold hospitality design language and striking circular footprint sets it apart as a truly unique build.

Hollex Group were up for the challenge — designing, engineering and procuring this project end-to-end. The project consists of two elliptical floor plans with Level 1 offset over the Ground Floor.

The immense challenge was the 15 different offset radius dimensions, which resulted in 600 different parts being curved to critical tolerances to ensure the close fit and function of the Curved Sliding Doors and windows.

Elle on Jefferson Street

Miami, Gold Coast QLD

The Elle on Jefferson Street development in Miami presented Hollex Group with the challenge of delivering a refined residential facade within a medium-density mixed-use context.

The scope included aluminium windows, doors and associated glazing across the full building envelope. Hollex Group's team provided early contractor involvement — reviewing the facade specification alongside the project architect and structural engineer to identify value engineering opportunities without compromising performance or aesthetics.

The project is at the early stage of delivery and is a true reflection of Hollex Group's reputation for collaborative delivery in Queensland's competitive residential construction market.

A Business Built For Scale

These Gold Coast projects are emblematic of a broader growth story for Hollex Group. The business is continuing organic growth through consistent quality and reliability, expanding its client base supported by the strong residential and commercial construction pipeline across southeast Queensland.

Underpinning that ambition is a governance and operational framework built well ahead of the company's current revenue stage. Hollex Group continues to build depth within its business structure to ensure consistency and stability for clients.

For head contractors and developers, this means working with a facade specialist that has the experience, systems, accountability and long-term vision of a much larger organisation.

Hollex Group

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From Concept to Completion:

THE VALUE OF AN INTEGRATED FAÇADE APPROACH

As Australian construction projects grow more architecturally ambitious, the demand for façade contractors who can do more than simply install cladding has never been greater.

Chevalier (Aluminium Engineering) Limited is meeting that demand head-on by bringing together in-house design, engineering, fabrication, and project management capabilities.

“Chevalier has in-house design, engineering, fabrication, and project management teams, making us one of the few façade contractors in Australia that still operates its own manufacturing facility for façade products,” said General Manager Vivian Leung. “With full control over the entire process, we are able to achieve exceptional efficiency, maintain strict quality control, and ensure timely project delivery.”

That integrated model is not simply a point of difference; it is increasingly becoming a prerequisite for the complexity of modern façade work.

That capability was demonstrated on the Harbourside Redevelopment, where the façade design included a series of highly articulated vertical fins intended to replicate the organic texture of weathered sandstone. The original concept called for glass reinforced concrete (GRC). Chevalier’s team, led by Project Managers Max Li and Charles Han, proposed and successfully delivered a precision-engineered aluminium solution, achieving the architect’s intended appearance while reducing weight, improving manufacturing accuracy, and enhancing the façade’s overall sustainability performance.

“Through detailed 3D modelling, extensive prototyping, precision welding, and hand-finishing, we were able to demonstrate that aluminium could faithfully replicate the architect’s vision while delivering real advantages in quality and constructability,” says Max Li. The project also incorporated low-carbon aluminium produced using renewable energy, directly contributing to the development’s sustainability objectives.

On site, the delivery was driven by an experienced installation team including Feng Ji, Frank Qi, Colin Li, and Lucas Gong. “Successful façade installation relies on experienced people, early planning, and genuine collaboration with every trade on site,” explained site team member Feng Ji. “That’s what made Harbourside work.”

The Sydney Biomedical Accelerator (SBA) demonstrated a different dimension of Chevalier’s integrated delivery model. With an architecturally complex façade geometry and demanding structural, weatherproofing, thermal, and acoustic performance requirements, the project relied on close collaboration between design, engineering, fabrication, and project management from the earliest stages.



Project Managers Charles Han and Fred Fan led Chevalier’s response, which centred on extensive early-stage engineering coordination and 3D modelling to identify and resolve interface issues before fabrication commenced, reducing construction risk while creating a smoother pathway for manufacturing and installation.

“The complexity of the SBA demanded that our engineering and design teams were embedded in the project from the very beginning,” explained Charles Han. “By working through the critical details early, we were able to streamline fabrication and installation significantly, and ensure compliance with the project’s strict performance criteria.”

At Iglu Kingsford, multiple materials and systems have been selected to create a single coordinated facade design. Curtain walling, aluminium cladding, terracotta panels, and GRC sunshade elements each bring different structural, manufacturing, and installation requirements.

By bringing design, engineering, fabrication, and project delivery together, Chevalier is able to coordinate those interfaces throughout the project lifecycle rather than resolving them as they arise during construction. Site team members Henry Guo and Charlotte He are central to managing that coordination on the ground.

“The key challenge is ensuring seamless integration between different materials and systems while maintaining the architectural intent and construction programme,” explained Charlotte He. “Having our design, engineering, and fabrication teams all working together makes that coordination significantly more manageable.”

Chevalier’s integrated model has enabled the company to approach façades as complete building systems rather than individual manufactured components. From re-engineering complex architectural features at Harbourside, to resolving performance requirements at

the Sydney Biomedical Accelerator, and coordinating multiple façade systems at Iglu Kingsford, the approach provides project teams with greater certainty from design through to installation.

“As buildings become more complex and performance expectations continue to rise, façade contractors need to contribute genuine technical expertise throughout the project lifecycle. Our integrated team allows us to work alongside architects, builders, and developers to deliver solutions that are both ambitious and practical,” explained Vivian Leung.

For more information contact Chevalier (Aluminium Engineering) Limited, Suite 2003, 109 Pitt Street, NSW 2000, phone 02 9232 3189, email cae@chevalier.com, website www.chevalier.com

THE ENDURING CHARACTER OF AUSTRALIAN SANDSTONE

For generations, sandstone has defined some of Australia's most recognisable civic and heritage landmarks. Today the material is increasingly being reinterpreted within contemporary architecture, delivering façade systems that combine performance, sustainability, craftsmanship and timeless visual appeal.

As one of Australia's leading suppliers of dimension stone, Gosford Quarries continues to play a major role in this evolution, pairing traditional stonemasonry expertise with advanced manufacturing technologies to deliver highly sophisticated architectural outcomes across commercial, civic and public projects.

"Australian sandstone has been used for generations in some of the country's most iconic civic and heritage buildings, yet it also adapts seamlessly to modern architectural forms and detailing," said Specification Representative James Pilling. "Its rich variation in colour, texture and finish allows architects to create facades that feel both contemporary and connected to the Australian landscape and built heritage."

That versatility extends beyond aesthetics. Sandstone's thermal stability, natural durability and lower embodied energy continue to position it as a highly sustainable alternative to many manufactured façade systems.

"Sandstone supports a return to more sustainable construction principles—where materials are both structural and aesthetic," James explained. "When used in load-bearing or post-tensioned applications, it has the potential to reduce reliance on high-carbon materials like concrete and steel."

Behind many of Gosford Quarries' contemporary façade projects lies a sophisticated blend of artisan knowledge and cutting-edge technology. Skilled banker stonemasons work alongside CNC robotic machinery, CAD modelling systems and advanced profiling saws to create complex stone forms with exceptional precision.

"This combination of artisan knowledge and advanced processing technology has expanded the design possibilities of sandstone in contemporary architecture," James said. "It allows architects and builders to realise complex façade concepts while maintaining the authenticity and qualities of natural Australian stone."

The company collaborates closely with architects and builders from the earliest design stages, helping tailor colour palettes, finishes and stone profiles to suit each project's architectural intent. Physical stone samples remain a critical part of the process, allowing project teams to assess texture, tone and natural variation firsthand.

"By working in close partnership with project teams throughout design, specification and fabrication, we ensure each project achieves a unique, site-specific architectural outcome that is both visually compelling and practical to construct," James said.

Performance and compliance remain equally important considerations. Gosford Quarries works extensively with engineers and façade consultants to ensure fixing systems, weathering performance and durability requirements are addressed from the outset.

"Whether using traditional anchoring systems or modern mechanical fixings, we ensure compatibility between the stone and supporting structure, accounting for load, movement and long-term performance," James said.

Among the company's recent façade portfolio, 135 King Street in Sydney stands out as a particularly strong example of sandstone's contemporary

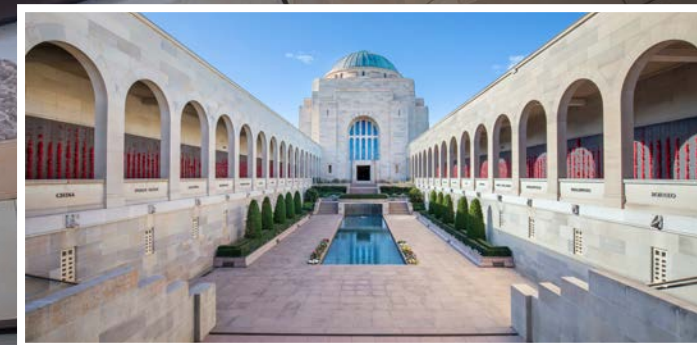
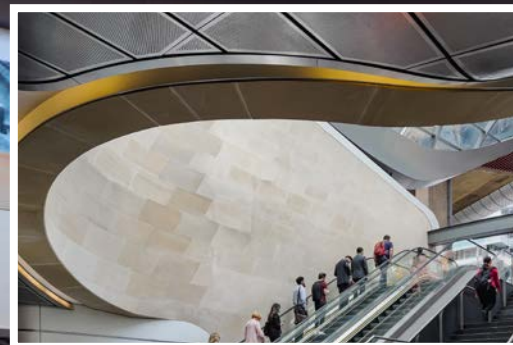
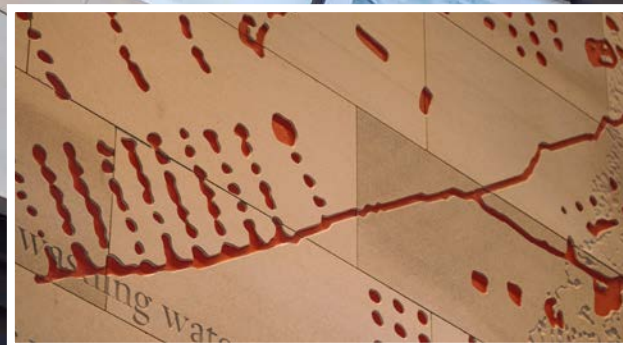
architectural potential. The refurbishment project reinterprets Sydney's historic sandstone character through sculptural, vertically articulated façade elements that create depth, rhythm and constantly shifting interaction with light and shadow throughout the day.

Delivering the project required highly precise fabrication methods and close coordination across the broader project team. "It demonstrates how natural sandstone can work seamlessly alongside modern materials such as glass and steel, forming part of a fully integrated façade system that meets contemporary performance and buildability requirements," James said.

At the other end of the spectrum, the Australian War Memorial upgrade in Canberra highlights Gosford Quarries' capabilities within technically demanding heritage applications, with sandstone sourced from the same quarry location as the original building to achieve close material continuity.

These projects reflect the company's ability to deliver both highly crafted contemporary façade systems and nationally significant heritage works, reinforcing sandstone's enduring role within Australian architecture.

Pictured: Quay Quarters - Piles Creek Cream Sandstone
(L-R) 275 George Street - Piles Creek Cream Sandstone
200 George Street - George Street Sandstone
Wynard Walk - Piles Creek Cream Sandstone
Australian War Memorial - Wondabyne Sandstone



DELIVERING AUSTRALIA'S MOST DEMANDING FACADE PROJECTS

For major construction projects, façade delivery represents one of the most visible and technically demanding components of the build.

Established in 2005, Winfix Facades has developed its reputation around anticipating challenges, managing interfaces, and delivering certainty. Through experienced site teams, strong project management, and collaborative delivery, the Australian-owned specialist supports builders in delivering complex façade packages across commercial, residential, health, education, and mixed-use sectors.

“We’re known for experienced site teams, strong project management, quality workmanship, and collaborative delivery,” explained Directors, Chris Pattison, John Stournaras and Frank Stournaras. “That combination is what sets us apart, and it’s what we bring to every project regardless of scale or location.”

Winfix’s involvement in Harbourside Sydney and the Adelaide Central Market redevelopment highlights how this approach translates across vastly different project condition, from constrained waterfront construction environments to live CBD precinct developments.

At Harbourside Sydney, Winfix was engaged to install the façade package in conjunction with the builder and façade supplier. It was a scope that required careful management of logistics, craneage, lifting operations, and installation sequencing within a live, restricted inner-city construction environment.

“The CBD location meant significant logistical constraints from day one,” Chris explains. “Staged deliveries, close coordination with multiple trades, and careful planning of all lifting operations were essential to maintaining programme in what was a genuinely demanding environment.”

The architectural ambition of the project set an exceptionally high bar for precision and finish quality. Every element of the installation demanded close attention to alignment, tolerances, and visual consistency. These requirements were met through strong collaboration between the builder, the façade supplier, the installation team, and Winfix.

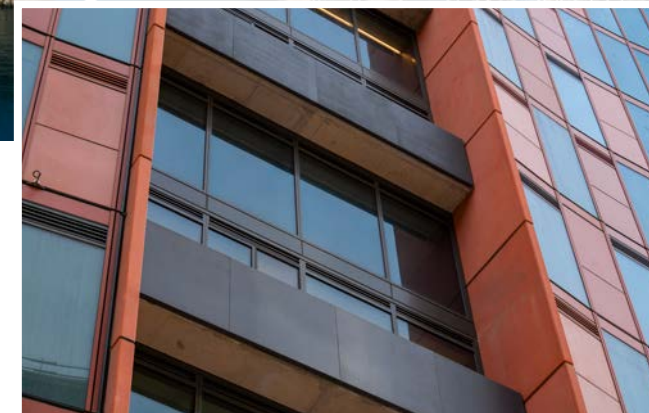
“Harbourside is one of Sydney’s landmark redevelopment projects,” Chris said. “To have contributed to that outcome, and to have delivered it to the standard the project deserved, is something the whole team is proud of. It demonstrates what Winfix is capable of on complex, architecturally significant façades.”



The challenges faced on façade projects are not always defined by scale or architectural complexity. At the Adelaide Central Market redevelopment, the focus was on managing delivery within a constantly evolving environment, where construction activities had to be coordinated alongside an operating market, surrounding businesses, and an active CBD precinct.

The scope included high-performance curtain wall systems, glazing, GRC planter boxes, curved balustrades, and associated façade elements across the mixed-use development. The constrained CBD location required the team to work alongside an operating market and surrounding active businesses throughout the programme. This was a logistical challenge that called for precise coordination between Winfix, the builder, the façade supplier, and multiple trades at all times.

“The CMAR project required us to manage constantly changing site conditions while maintaining programme commitments,” said State Manager, Ayden O’Brien. “Working in and around an operating market in the heart of Adelaide’s CBD demands a level of planning and communication that goes beyond a standard construction environment.”



The differences between Harbourside Sydney and CMAR demonstrate how façade delivery is shaped as much by project conditions as by the systems being installed. In both projects, Winfix’s role extended beyond installation, with the team working closely with builders, suppliers, and other trades to coordinate delivery, resolve challenges, and support the delivery of technically demanding façade installations on landmark projects.

The façade sector is evolving rapidly with increasingly complex architectural designs, growing sustainability and building performance expectations, skilled labour shortages, and tighter construction programmes reshaping what the industry demands of its contractors.

“We continue to invest in our people, systems, technology, and specialised installation equipment,” Ayden said. “That investment is what allows us to support sustainable national growth and keep pace with where the industry is heading.”

For more information contact Winfix Facades, email info@winfix.com.au or chris@winfix.com.au, website www.winfix.com.au

MIO Googong:

CO-ORDINATED FAÇADE DELIVERY ACROSS A MULTI-BUILDING PROGRAMME

Successful façade delivery depends on more than product selection, it requires contractors who can manage complexity, coordinate multiple trades and systems, and maintain quality at scale without compromising programme outcomes.

Established in 2021 by two carpenters with extensive installation experience, Seven Facade delivers integrated roofing and cladding solutions across the ACT region. Based in Queanbeyan, the company specialises in external roofing and cladding, bringing an end-to-end capability that takes a project from subframe setup through to final panel install under one roof.

At MIO in Googong, a high-volume multi-building residential development, Seven Facade applied their delivery model, with the team managing multiple buildings simultaneously while maintaining a consistent, high-quality finish across the entire development.

“The biggest challenge on MIO was the number of buildings being delivered at the same time,” said Director Hayden Birch. “Maintaining consistency across every block while keeping pace with the construction programme comes down to people, systems and communication.”

The product specification played an important role in achieving both the architectural vision and programme efficiency. Lysaght Trimdek steel sheeting provided a clean, durable profile across the larger façade areas. Fairview Genesis pre-finished panels were used to create the concrete-look feature blades that wrap around sections of the complex, forming a picture frame effect that gives the buildings depth, definition, and a striking visual identity.

“The Genesis panels arriving pre-finished as a concrete-look product was a major advantage,” explained Director Rory Stokes. “It eliminated the need for additional finishing trades and helped keep the programme moving.”

L-R Directors Rory Stokes and Hayden Birch



The contrast between the two systems was as effective both practically and aesthetically.

Handling the full scope, from wall wraps and waterproofing through to final cladding, gave the project team a single point of accountability and minimised the risk of issues falling through the cracks between trades.

That end-to-end philosophy traces directly back to the company's origins. Founders Hayden and Rory started the business as working carpenters, and that trade background continues to shape every project they take on.

“Rory and I started out installing cladding ourselves, we they understand what's required to deliver a quality façade, not just at the installation stage but from the very beginning,” Hayden said.

“That trade background gives us a practical approach to problem-solving. We understand buildability, sequencing and what builders need from their subcontractors to keep projects moving.”

“A big part of that is preparation,” Rory said. “Wall wraps, waterproofing, thermal bridging, R-values and ensuring the substrate is straight and ready for installation are all critical. We know that getting the basics right is what delivers a quality finished product.”

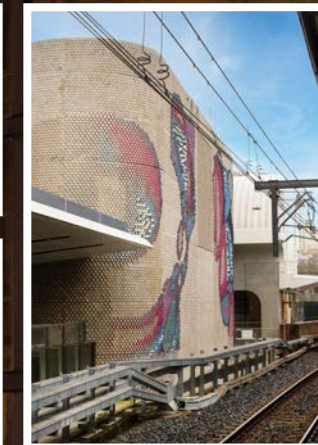
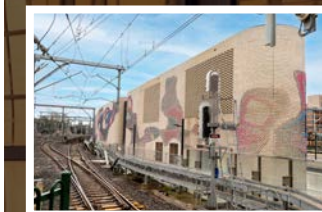
As the business has grown, that hands-on mindset has remained constant. Seven Façade has invested heavily in its people, systems, and project management processes. They have strengthened their leadership team and created greater structure around operations, procurement, and site delivery without losing the agility and personal accountability that defined the company from day one.

Rory remains a regular presence on site, working closely with supervisors and the Construction Manager to ensure workmanship, safety, and programme commitments are consistently met.

With the business on track to double in size and revenue this year, and a pipeline that includes Watson Health Hub, Winnunga, Elm Lane, The Heather, and The Googong Hotel, the growth trajectory is significant. Directors Hayden and Rory are clear that scaling will never come at the cost of standards. “Quality remains non-negotiable. Whether it's MIO or a smaller project, the expectation is exactly the same.”

Seven Facade's goal is straightforward, to keep working with builders who value quality, collaboration, and long-term partnerships.

For more information contact Seven Facade, phone 02 6297 3552 website 7facade.com.au



TECHNICAL INPUT THAT SHAPES BETTER FAÇADE OUTCOMES

Founded in 1999 and based in Pakenham, Victoria, Ultrafix Commercial Pty Ltd has delivered commercial aluminium windows, doors and glazing packages for more than 27 years across education, retail and commercial projects.

“When you work with Ultrafix, we become an integral part of your builder’s programme,” said Director Jason Male. “No matter the situation, we deliver quality on time, every time. It’s that can-do, reliable attitude that you can expect from working with our team.”

That approach was demonstrated at St Francis Catholic College, where Ultrafix delivered the project’s windows, doors and glazing package.

Working with a team of seven, the company installed the distinctive segmented curtain wall system incorporating structural corner box sections and spandrel glazing adaptors on the south façade.

The project required careful problem-solving from the outset to resolve structural glazing constraints. Ultrafix contributed to the design of the final façade, creating a solution that was not only buildable, but also balanced structural requirements with the project’s architectural intent.

Supported by a team of 17 experienced professionals, Ultrafix continues to deliver aluminium window, door and glazing packages across education, retail and commercial projects throughout Victoria.

While fabrication and installation remain core elements of façade delivery, projects involving bespoke glazing systems often require specialist input well before materials arrive on site. By contributing during design development, contractors can help address structural glazing constraints, improve constructability and support efficient project delivery.

This integrated approach continues to inform Ultrafix’s work across commercial, education and retail developments throughout Victoria.

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REVEALING NEW LANGUAGE FOR BRICK ARCHITECTURE

Across Australia brick is re-emerging not as a conventional building material, but as a deliberate architectural language of texture, memory and craft. Sculptural curved façades and adaptive reuse projects are utilising the versatility of brick to ground contemporary developments within the urban landscape.

Steel Backed Brick has over 20 years of onsite experience supporting some of the country’s most technically demanding brick cladding and lightweight brick systems through specialist cutting and façade preparation services.

“We cover the whole industry,” said Operations Manager Irine Klar. “From a backyard feature wall to large-scale restaurants and major commercial projects, and everything in between. We understand the impact of product delays and inaccurate supply on a project, so we make sure that bricklayers are working efficiently and effectively, without setbacks on site.”

That experience is best illustrated through the projects Steel Backed Brick has delivered. At Sydney’s Central Station, the company was contracted to cut 60,000 individual bricks into 10 different angle configurations ranging from just 2mm to 19mm to create

an extraordinary animated artwork mural embedded into precast concrete panels. Designed by artist Bronwyn Bancroft, the installation depicts Aboriginal artwork that appears to materialise as trains pass by. The entire brick cutting scope was completed within a three-month turnaround.

At the Parkview Northwest Quarter project, Steel Backed Brick spent 18 months regrooving 180,000 brick faces and 45,000 corners to bring imported bricks into compliance with Australian standards, with zero tolerance for error. While at Seed Heritage in Pitt Street Mall, the team in-stalled a brick cladding facade designed to evoke the heritage aesthetic of a building predating the Westfield development surrounding it.

Steel Backed Brick works closely with recycled brick suppliers across New South Wales and Victoria, and ensures that every by-product of the cutting process, from brick offcuts to water and cutting blades, is recycled or repurposed.

For more information contact Steel Backed Brick, 36 Princes Street, Riverstone NSW 2765, email sales@sbbv.com.au, phone 02 9627 4116, website www.sbbv.com.au



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Photography: Iain Bond Photography

DELIVERING ARCHITECTURAL INTENT THROUGH BUILDABLE SYSTEMS

The redevelopment of Grange Recreation Reserve reflects a growing expectation that community facilities contribute meaningfully to place, not simply function as utilitarian buildings.

Designed by SMFA, the project reimagines a traditional sports facility as a contemporary civic destination, balancing durability with a refined architectural expression. A robust lower level responds to heavy use and coastal exposure, while lighter upper elements reduce visual mass and introduce a finer grain across the façade. Subtle curved forms soften the building's presence and help define key entry points throughout the site.

Central to the façade outcome is Stratco's NINELINE™ Pleat architectural wall cladding, which establishes a consistent vertical language across multiple elevations. The profile was selected for its clean junctions and terminations, compatibility with adjacent materials including masonry and glazing, and ability to maintain alignment across varied façade conditions.

Beyond aesthetics, the system also supported the practical realities of project delivery. Integration within BIM workflows, including Archicad,

enabled accurate modelling from early design development through to documentation, helping reduce uncertainty during construction.

Responding to the coastal environment was a key consideration throughout the project, influencing both material selection and façade detailing. Early collaboration between SMFA and Stratco Architectural Solutions allowed interfaces, fixing strategies and installation methodologies to be resolved during design development rather than later, on site.

The façade combines NINELINE™ Pleat cladding with complementary systems including Topdek® 700 roofing, forming a coordinated envelope solution that balances technical performance with architectural intent.

The result is a building that demonstrates how early collaboration between architect, supplier and builder can help maintain design clarity while responding to the practical constraints of construction.

For product enquiries for NINELINE™ contact Stratco, email architectural.solutions@stratco.com.au



Find out more
cotality.com/au/products/cordell-estimator

Cordell
by Cotality™

FAÇADES BUILT FOR PERFORMANCE

No longer viewed simply as an external skin, the façade has become a highly engineered component that influences everything from energy efficiency and daylight access to constructability and long-term building performance.

Modern Glazing Group continues to strengthen its reputation as a specialist in high-performance façade systems, delivering tailored glazing solutions across commercial, education, industrial, and healthcare developments throughout Australia.

The company's broad capabilities are reflected across six standout projects, each showcasing a different aspect of its façade expertise.

Backed by more than 15 years of experience, Modern Glazing Group continues to deliver façade systems that balance performance, compliance, and architectural intent across some of Australia's most diverse projects.



MS Wellbeing Centre

Modern Glazing delivered expansive glazing systems that maximise natural light while supporting the calm, welcoming environment essential within healthcare settings. The project highlights the company's ability to integrate high-performance façades within sensitive community infrastructure.



Lane Cove Sports Centre

Demonstrating Modern Glazing's expertise in large-scale commercial glazing, with extensive curtain walling and aluminium systems contributing to an open, contemporary sporting environment filled with natural light and visual connectivity.



Rosebery Engine Yards

Modern Glazing showcased its capabilities within heritage-adaptive reuse projects, carefully integrating modern glazing systems into the industrial character of the revitalised precinct while preserving the integrity of the original structure.



CDC Marsden Park MP1S1

Reflecting Modern Glazing's growing industrial and data infrastructure portfolio, incorporating curtain wall systems, aluminium framing, and secure façade solutions suited to highly technical environments.



Green Square Public School

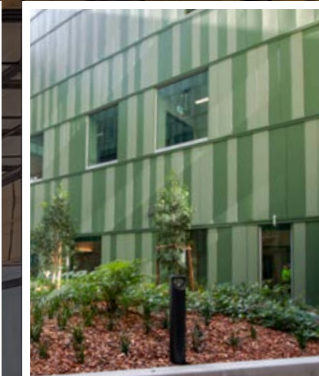
Highlighting the company's experience within complex education environments, delivering durable, high-performance glazing solutions designed to support modern learning spaces and long-term operational performance.



Danebank Public School

Demonstrates the Modern Glazing's ability to combine aesthetics, shading, and façade functionality within education projects, creating visually striking outcomes while supporting building performance and occupant comfort.

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ENHANCING FAÇADE PERFORMANCE THROUGH LYSAGHT'S MATERIAL EXPERTISE

The NSW Government's \$890 million John Hunter Health and Innovation Precinct is one of the most significant healthcare infrastructure projects ever delivered in regional New South Wales. Designed by BVN and built by Multiplex in partnership with Health Infrastructure and Hunter New England Health District, the landmark 7-storey Acute Services Building is at the heart of the precinct.

Responding to the project's ambition to create a steel façade that reflected the surrounding landscape while meeting the functional demands of a major healthcare facility, Lysaght provided material selection guidance, colour development support, product supply and logistics coordination throughout the delivery process. "Working closely with architects, specifiers, and designers in order to achieve the best product solution to meet the architectural intent has been the absolute focus," said Will Pereyra, Business Development Manager for Lysaght's Design Solutions Group.

The façade features several LYSAGHT® cladding profiles, most prominently, LYSAGHT HORIZON® a dual-layer system that contrasts a flat steel outer protective skin with a trapezoidal internal backing layer, to deliver a wider, smoother, and overall sturdier panel. The project also featured cladding from the LYSAGHT ZENITH® range, including DOMINION®, SNAPSEAM® and ENSEAM®.

The Lysaght profiles were manufactured from Australian Made

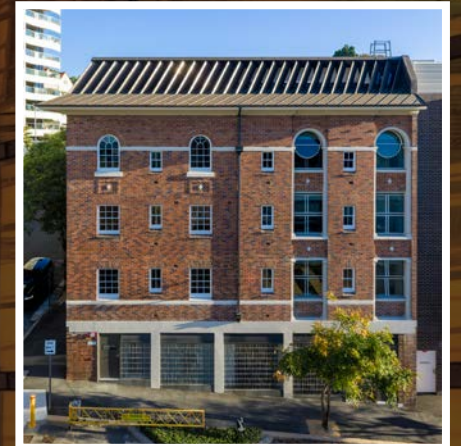
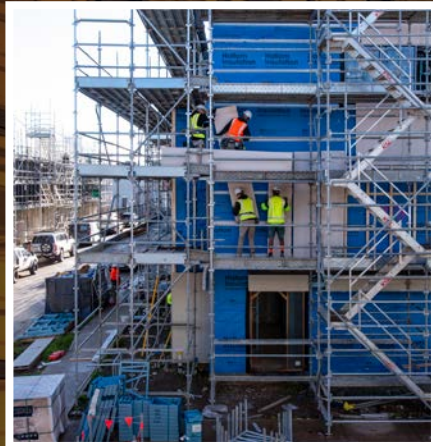
COLORBOND® steel, featuring custom organic finishes in Glenwood Green™, Fallen Gumnut™, and Wild Fawn™, chosen to blend seamlessly with the natural environment.

Sustainability considerations were embedded from material selection through to façade performance. ResponsibleSteel™ certified steel manufactured by BlueScope, roll-formed by Lysaght, provides independently verified environmental and social performance data, while the external steel skin contributed to solar control objectives as part of the building envelope strategy, supporting the Hunter New England Local Health District's target to achieve carbon neutrality by 2030.

Precision logistics were central to the project's success. The Lysaght cladding was custom-processed and routed through BlueScope's Tomago Distribution hub to regional fabrication partners, enabling sequential deliveries timed to match the crane and assembly schedule on site. It was this level of coordination, supported by the Lysaght Team, that kept one of the state's most complex health builds on programme.

The completed façade demonstrates the value of early collaboration, considered material selection and coordinated supply in delivering a complex architectural outcome for a major healthcare facility.

For more information about Lysaght products or to locate your local Lysaght branch, visit [lysaght.com](https://www.lysaght.com)



SUPPORTING BUILDERS WITH FIRE-RATED FAÇADE INSTALLATION

Melbourne Cladding Exteriors has established itself as a specialist contractor in Victoria's fire-rated façade sector, delivering the supply and installation of autoclaved aerated concrete (AAC) panel systems for premium residential and medium-density construction projects.

Founded by Shanon Farrugia more than a decade ago, the company has developed extensive expertise in CSR Hebel systems.

Working closely with builders, architects and project teams to deliver compliant external wall solutions where fire performance, structural accuracy and finishing quality are critical, Melbourne Cladding Exteriors' portfolio spans architecturally designed homes, luxury residential developments and selected commercial projects throughout metropolitan Melbourne.

Melbourne Cladding Exteriors has built its capability around a highly specialised installation discipline. The company's experience with fire-rated AAC systems allows it to manage projects from material quantification through to installation, providing builders with a coordinated delivery model that maintains programme certainty and installation consistency.

"Everything has to be done thoroughly, to 100%," explained Shanon. "That attention to detail is how I've kept my reputation and kept the business running."

The company's process is streamlined and client-focused from first contact through to completion. Detailed drawings are reviewed, a thorough estimator-led takeoff process works out quantities, and once a quote is approved, materials are delivered and installed with the same level of care applied at every stage. Managing both supply and installation enables the company to coordinate the façade package through a single contractor.

Having spent ten years focused specifically on fire-rated aerated concrete panel systems, Shanon is now expanding the business into broader cladding categories, including Axon cladding and James Hardie products, bringing the same exacting standards to a wider range of architectural applications. "We've built our reputation on doing one thing exceptionally well," Shanon said. "Now we're ready to take that same approach into new territory."

For more information contact Melbourne Cladding Exteriors, phone 0424 114 980, website www.melbournecladding.net

HERITAGE GLAZING SOLUTIONS: PRESERVING CHARACTER WITH MODERN FAÇADES

In premium architectural projects, the facade is often where design ambition is won or lost. Delivering bespoke finishes, large-format glazing, and heritage-inspired detailing requires far more than product supply, it demands specialist expertise capable of transforming architectural intent into built reality.

This challenge is particularly evident in adaptive reuse developments, where façade systems must preserve a building's architectural character while meeting contemporary performance, compliance, and constructability requirements.

For Altitude Facades NSW, these complex projects sit at the core of the company's expertise. Established in 2014 and led by Managing Director Rino Soriente, whose 40 years of industry experience spans some of Sydney's most significant projects, specialising in bespoke architectural glass, aluminium, and steel facades, cladding, windows, and canopies.

At the Rosebery Engine Yards refurbishment, Altitude Facades NSW delivered a customised steel glazing package that combined heritage authenticity with contemporary performance requirements. Responsible for the complete design, engineering, supply, and installation scope, the company navigated strict heritage requirements

while maintaining the precision craftsmanship needed to realise the project's architectural vision.

"This was an adaptive reuse project with a strict heritage compliance standard," says Rino. "Every glazing and façade element had to match the original intent of the building, which required an exceptional level of care from design right through to installation."

The scope included more than 2,500m² of clerestory windows and what is anticipated to be Australia's largest pivot doors for a commercial retail setting. This remarkable achievement required the doors to be designed and fabricated entirely in-house, with a hand-applied rust finish used to achieve an authentic heritage aesthetic. Frameless glass doors completed the shopfront treatment.

Current projects include the Cutaway, SCEGGS Wilkinson House refurbishment, 175 Pitt Street, an early learning centre in Turramurra, and a façade refurbishment at Bondi Westfields.

For more information contact Altitude Facades, 105/14 Loyalty Road, North Rocks NSW 2151, phone 0424 262 557, email sales@altitudegroup.net.au, website www.altitudefacades.com.au