



EDGE
Architectural Glazing Systems

p r e s e n t s

U-max

LaTrobe Institute of Molecular Science, U-MAX™ 150 Front Double Glazed suite.

U-max

U-MAX™, EDGE Architectural's thermally broken suite, saves energy.

The suite controls thermal conductivity within a comprehensive range of commercial framing systems. With features like thermal break, advanced water shedding technology, interchangeable systems, and door and sash elements, the suite offers a full range of energy-smart products.

The thermal break of U-MAX™ occurs within the glazing rebate and does not interfere with the system's clean aesthetics. Suites include 100mm centre glaze and 150mm offset glaze, where the glass set back is in the same location. The 120mm structural glazed system is designed around simplicity of fabrication and fitting pre-glazed panels on site. Factory glazing ensures glazing and curing of tapes and sealants in a controlled environment preserve the integrity of the structural bond. The Pressure Bar curtain wall system includes a thermal isolator; it's a cost effective curtain wall system for low rise applications.

Beyond the thermal performance benefits it provides for builders faced with meeting the standards of Section J, U-MAX™ assists in the delivery of energy performance throughout the life of the building. Smart property investors choose to develop and purchase premium properties that deliver greater return on investment over time. Property owners can command higher rents in buildings with lower running costs, leading to higher property values.

U-MAX™, the new element in the smart building matrix.

U-MAX™: the suites

- U-MAX™ 100 Centre Double Glazed
- U-MAX™ 100 Front Double Glazed
- U-MAX™ 150 Front Double Glazed
- U-MAX™ 150 Front Capped Double Glazed
- U-MAX™ 150 Offset Double Glazed
- U-MAX™ Structural Glazed 150 Framing
- U-MAX™ Thermal Pressure Bar System 180 Curtain Wall
- U-MAX™ Awning & Casement Sashes
- U-MAX™ Commercial Door Systems
- U-MAX™ Thermal Break Sliding Door
- U-MAX™ Bifold Door



The Clarence Reardon Centre Springvale Botanical Cemetery

Sustainable design, innovative implementation

From the outset, planning of the Springvale Botanical Cemetery's new central precinct emphasised sustainable innovation and an integrated design approach. Architectural building form, engineering analysis and thermal performance were developed as one entity through the design process.

The Administration Hub serves as the principle headquarters for the cemetery's trust, featuring training facilities and amenities for employees. The Clarence Reardon Centre incorporates commercial kitchen facilities and offers a connection to the Chapel building.

When an architect or engineer wants sustainable innovation for a commercial project in Australia, they want U-MAX™ thermally broken aluminium window and door systems from EDGE Architectural.

The Clarence Reardon Centre project incorporates the U-MAX™ 150 Structurally Glazed suite with shade screen mullions for increased thermal performance. The team from 808 Design worked with EDGE Consult to ensure the systems met the desired efficiency standards.

In addition to insulation performance, the window system was customised to allow for natural ventilation and air flow through the structure.

Architect:
GHD

Builder:
ADCO Constructions

Fabricator:
808 Design

EDGE Architectural systems:
150 Structurally Glazed system with thermally broken sun shade mullions



LOCATION, LOCATION, LOCATION.

With EDGE Architectural, your projects benefit from local supply, local service and technical support, local fabrication, and local warranties.



Our team developed the EDGE Architectural Glazing Systems ranges in Australia for the Australian design and building industry. We collaborated with Australian organisations to create some of the most energy-efficient commercial window and door systems around.

Choose EDGE for your next project and benefit from an ecosystem of local companies and local people. Our systems are comprised of local aluminium extrusions and hardware, backed by locally-supported warranties. We stand behind every architectural window and door frame we deliver.

Most importantly, you get a nearby team of experts to support you throughout the life cycle of your project.

Team EDGE provides architects, facade engineers, builders and fabricators with consultative support for specification, estimation and optimisation - all in Australian time zones.

Fabricators of the EDGE Architectural systems lead their industry and enjoy a reputation of excellence. EDGE Architectural's training program and ongoing support ensure they maintain a deep understanding of the systems and how the components work together, resulting in a better finish and greater system performance.

Rely on EDGE for capacity, dependability, flexibility

The strategic nature of the EDGE ecosystem gives us enormous capacity and great flexibility for meeting our customers' needs.

For example, we have local access to six powder coating lines and three anodizing lines. We can be nimble and responsive for large, custom or short-notice projects. Our focus on finding Australian suppliers means you can rely on delivery dates and a stable supply chain.

From Mammoth's "secret formula" wheels to 3M's passion for innovation and strength, the companies in the EDGE ecosystem share our drive, dependability and dedication.

The EDGE Ecosystem - a community of people, organisations, processes and elements interacting to create a system.



A view from the EDGE

Who is EDGE Architectural?

We are
Problem solvers.
Systems designers.
Status quo questioners.
Customer service fanatics.
Project partners.
Fresh thinkers.
Builders for life.

EDGE Architectural Systems maintains one of Australia's most comprehensive range of shopfront and façade framing systems. Our stunning range of double glazed systems, featuring thermal break, give clients the design freedom they seek for innovative projects.

As a division of Aluminium Industries of Australia, our team of professionals all share a passion for what we do and a clear understanding that our success comes from helping our clients succeed.

We are proudly Australian yet operate with a global perspective.

EDGE
Architectural Glazing Systems

A brand of Aluminium Industries

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