

# PROFILIT.<sup>TM</sup>

## A defining choice.

SEE THE POTENTIAL. SEE THE BENEFITS.



 **FORM**  
GLASS WALLING SYSTEM  
Australia wide provider of Profilit<sup>TM</sup>



# PROFILIT™

## GLASS WALLING SYSTEMS:

- UNIQUE
- INNOVATIVE
- STYLISH
- DURABLE
- FLEXIBLE
- PRACTICAL





is a unique company with a unique product. We work with you to ensure optimal design, specifications and cost structure.

# UFORM: COMPLETE WALLING SOLUTIONS

UFORM is Australia's preferred provider of Profilit™ glass walling systems, a unique Pilkington Group product solution with both external and internal applications.

This exciting architectural design solution offers a range of unmatched attributes and benefits to elevate your project into a new and striking territory.

In addition to supplying Profilit™ walling systems, UFORM provides a complete service to all our clients, including design assistance, detailing, shop drawings and façade engineering for all projects.

We believe that collaboration ensures the best results. At each evolving stage of your project, we provide cost analysis for the completed works, and once finalised, we can assist your quantity surveyor with setting the necessary budgets, including handling, storage company access and indicative installation.

Importantly, UFORM is Australia's only provider of a full manufacturer's warranty, which no-one else can provide.

With commercial, domestic and public space potential, Profilit™ walling systems offer stylish, durable design solutions that are visually

striking as well as extremely practical.

Profilit™ glass walling systems have both external and internal applications, allowing for seamless form and function from outdoor to indoor space.

Australian architects and designers are now discovering the unique offerings Profilit™ can add to their designs, with several projects completed or now under construction. They are treating Profilit™ as an integral aspect of their projects from the outset, rather than simply a cladding solution, and the results are both innovative and spectacular.

- design
- engineering
- supply
- fabrication
- installation





# WAGGA

## PROJECT

Profilit™ glass walling systems help create an outstanding response to a unique environment.

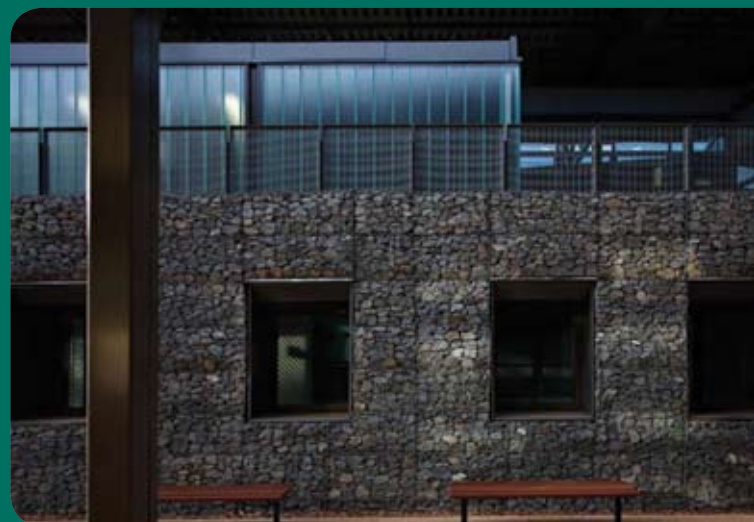
The School of Dentistry and Health Sciences, Charles Sturt University, Wagga Wagga Campus in New South Wales was designed by Brewster Hjorth Architects. This site sensitive and dramatic design was conceived and constructed to change the way dentistry was perceived. Less clinical, more patient orientated, the space promotes an environment of openness that are supportive of modern workplace practices.

Profilit™ glass walling systems were an integral aspect of the architect's design solution. Visibility, transparency and translucence prevail throughout, both externally and internally. Light and colour form a relationship that is experienced both outside-in and inside-out.

The double glazed external Profilit™ panels help create the permeable, more environmentally responsible dimensional effect the architect worked to achieve. The insulating properties of Profilit™ are utilised and enhanced to maximise the heating and cooling potential of the building in a number of ways.

Using glass floor to ceiling windows so that walls would 'disappear' reoccurs throughout the design. The translucence of the Profilit™ panels meant the internal rooms could be flooding with light, while still ensuring privacy. Spaces became inviting, relaxing and unlike more usual clinical environments.

UFORM worked with the architect, builder and engineer to ensure the project's seamless transition from innovative concept to stunning completion.





# MONASH PROJECT

A highly specific design solution even more finely tuned with the use of Profilit™ glass walling systems.

The Monash Centre for Electron Microscopy at the Clayton Campus of Monash University was designed by Architectus, Melbourne. The project won the 2009 award for public architecture from the Australian Institute of Architects.

With highly specific and stringent scientific criteria to meet because of the sensitivity of the equipment the facility was to house, the design response became a building of 'layers'. The choice of glass in the form of self-mullioning and self-supporting Profilit™ panels as the primary external cladding was extremely

practical as it created the inert environment for the electron microscope. The choice of glass in the form of Profilit™ internal panels cocoons and creates another level of protection for this highly sensitive environment.

Maximising the enjoyment and interaction of the scientists working within the space was also achieved with Profilit™ internal panels, creating light filled and serene environments that provide filtered natural light and connection to the external space. Feedback indicates that those working in the space enjoy its attributes and benefits in ways they have never before experienced in a laboratory environment.

All this is achieved within a design context that has the building fit seamlessly and attractively within the university's existing environment.

A collaboration from start to finish, UFORM assisted the architect, builder and engineer throughout all stages of the highly technical building project to ensure every aspect of the specifications were met with the necessary fine tolerances.





# PROFILIT™

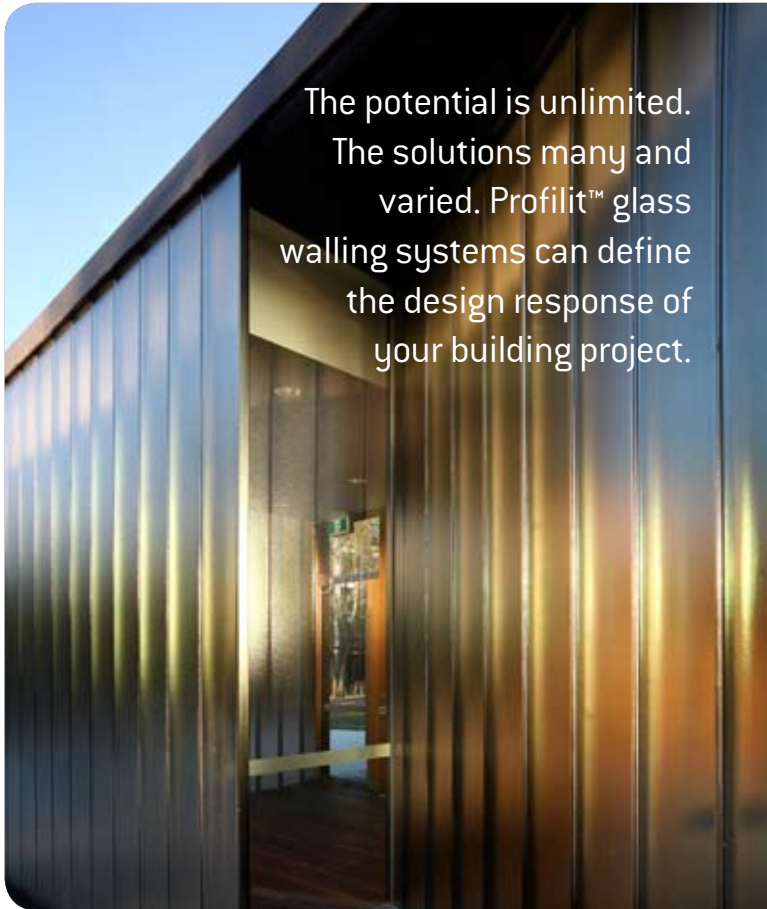
## GLASS WALLING SYSTEM

### PRODUCT SPECIFICS

- Profilit™ is a glazing system consisting of U-shaped profiled glass, and supplied as a glass and framing system for facades and internal partitions.
- Stylish yet highly durable, Profilit™ allows diffused light to enter the building while presenting a translucent external appearance on the building façade.
- Profilit™ can be installed as a double wall (and in single layer for specific applications) for extra thermal and sound insulation.
- The panels have been manufactured in single lengths of 3.0 m to 5.8 m, and the joints between panels can be configured horizontally or vertically.
- The channels glass are manufactured in single lengths of 3.0 m to 5.8 m. Depending on wind load, they can span up to 5.0 m in double configuration between supports (depending upon engineering).
- Please consult with UFORM for details on spans and safety requirements.

### ADVANTAGES OF THE PRODUCT

- The flexibility of the Profilit™ system allows architectural creativity while satisfying most requirements for solar protection, thermal insulation, sound control and environmental compatibility.
- Profilit™ walling systems are durable, maintenance free and fully recyclable.
- Design continuity is possible as it can be used for exterior glazing where it's suitable for glazing large facades, as well as for internal partitions, allowing light to filter through.
- The patterned glass surface and the high translucency allow efficient and a soft pleasant lighting of the glazed area, reducing the need for some artificial lighting.
- Profilit™ is light and easy to work with as the walling system comprises of self-supporting glass planks within an extruded aluminium frame.



The potential is unlimited.  
The solutions many and varied. Profilit™ glass walling systems can define the design response of your building project.

Glass supplied by

**Viridian**  Use Glass in Extraordinary Ways®  
New World Glass



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