



Residential & Architectural Windows & Doors





It's the little

things.

Ludwig Mies Van Der Rohe, a pioneer of modern architecture, famously reasoned, "God is in the details". What he really meant is: when it comes to design, it's the little things that make a big difference.

The Residential & Architectural Suites from Altus Window Systems are an innovative range of doors and windows that are specifically crafted for New Zealand conditions. They address the needs of today's homeowner but with tomorrow's performance ever in mind.

These products incorporate original features to solve a design issue, deliver peace of mind, and express a personal style. It's Number 8 mentality all grown up.

So what are the little things?

Little things such as safety and security:

Bifold doors that rest against the side of the home so decks and walkways are uninterrupted.

Little things such as personal style:

Flat surfaced sills for low maintenance and easy cleaning.

And little things such as flexibility and performance:

A range that adapts to your home – from the traditional to the contemporary, for renovations and new builds.



Contents

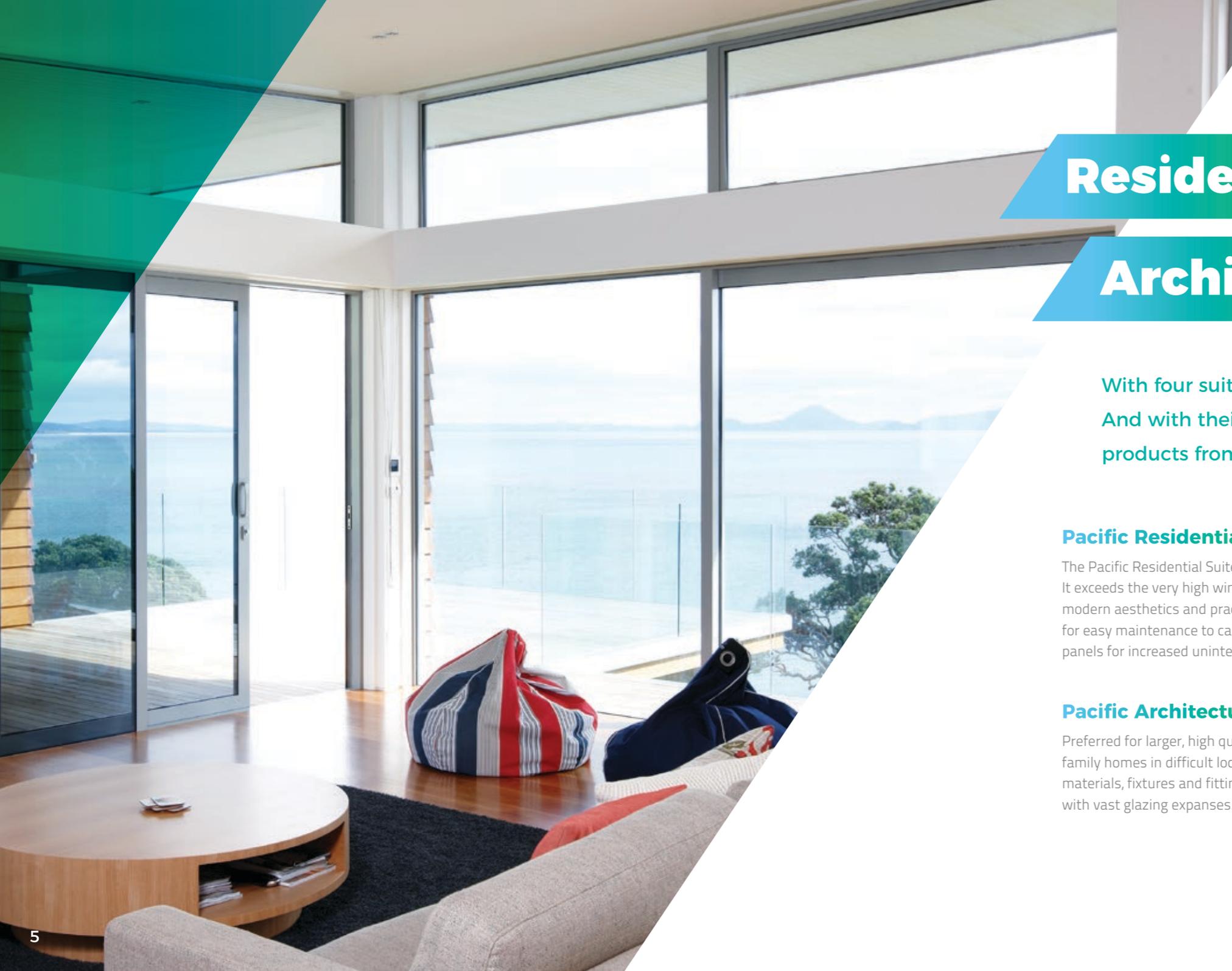
Residential & Architectural Suites 5

Product Range

Euroslider® & Eurostacker®	7
Ranchslider® & Stacker Doors	9
LevelStep® Sill	11
Foldback® Bifold	13
Bifold Doors & Windows	15
French & Hinge Doors	17
Stellar™ Doors (Entrance)	19
Awning & Casement Windows	21
Sliding Windows	23
Malta® Hardware	25

Showcase Projects

Queenstown Getaway	27
Ponsonby Renovation	31



Residential &

Architectural Suites

With four suites to choose from, there's a solution for every area in your home. And with their inherent design characteristics you can combine a mix of products from each suite for a look that's perfectly in tune with your home.

Pacific Residential Suite

The Pacific Residential Suite is suitable for most family homes. It exceeds the very high windzone requirements, boasting modern aesthetics and practical functionality, from smooth sills for easy maintenance to carrying heavy double glazed sliding panels for increased uninterrupted indoor-outdoor flow.

Pacific Architectural Suite

Preferred for larger, high quality, architecturally designed family homes in difficult locations. It complements well chosen materials, fixtures and fittings and can easily handle big units with vast glazing expanses.

Pacific Thermal Suite

Ideal for larger, high quality, architecturally designed homes in climatically challenging locations. The Pacific Thermal Suite improves thermal insulation and virtually eliminates condensation. It can add an additional 25% of heat retention to what double glazing alone can provide.

Atlantic High Performance Suite

Specified for grand designs, edgy architecture, extreme locations, super weights, unique applications and requirements of the highest quality. It fits perfectly with all high end selections for fixtures and fittings. A home of this ilk, style and scale demands the highest quality product.



Euroslider® & Eurostacker®

Whichever way you look at it, the Euroslider® and Eurostacker® are beautifully and cleverly designed doors.

Unlike traditional sliding doors, there are no sill troughs or channels. It means there's little space for unsightly dirt and debris to collect – the most common cause of rolling gear failure. It also provides a seamless indoor-outdoor flow that's more weathertight and secure than traditional sliding doors.

With the Eurostacker®, there's yet another advantage. Two or more moving panels slide in front of a fixed panel or wall, giving you an even wider opening between the indoor and outdoor areas.

These sliding doors will let you enjoy smooth, low-maintenance operating for years to come.

FEATURES

- Easy to clean tracks
- Increased weathertightness
- Sleek flat profile





Ranchslider® &

Stacker Doors

Stacker and Ranchslider® Doors are ideal for high traffic areas like decks. They provide uninterrupted views and are a better solution for windy exposed areas.

A Stacker Door has two panels that slide away behind a fixed third panel which means there are no protruding panels obstructing access and they create an even wider opening.

The popular Ranchslider® Door has a single panel that slides away behind a fixed panel providing convenient easy access.

Stacker and Ranchslider® Doors also allow the ability to have opening awning sashes in the fixed panel.

FEATURES

- Drainage holes and sealant rubbers are hidden out of sight
- Roller mechanisms hidden from view for protection and better appearance
- LevelStep® Sill option

LevelStep® Sill

LevelStep® Sill does away with the lip that usually separates indoor and outdoor areas. The result? A totally flush meeting point, with reduced risk of tripping, an enhanced visual flow, and no drop-off in performance. It's the ultimate in streamlined living.

FEATURES

- Easy to clean tracks
- Totally flush threshold





Foldback® Bifold

The Foldback® Bifold's unique patented system allows up to three door panels to fold flat against the cladding, for unobstructed traffic-flow and increased space. The top hung system provides maximum protection from dirt and track damage, while the low profile, flat sill design makes access and cleaning even easier.

FEATURES

- Top rolling mechanism for better performance and durability
- Easy to clean and maintain
- Window option available

Bifold Doors & Windows

Bifold Doors are an elegant way to open up the view from patios and decks for maximum indoor-outdoor flow. This is further enhanced with the Bifold's optional flat sill. The top hung system provides maximum protection from dirt and damage.

These same benefits are shared with the Bifold Windows. Bifold windows can be used to make indoor/outdoor entertaining more interactive by creating a servery between the kitchen and outdoor deck or patio area.

FEATURES

- Top rolling mechanism for better performance and durability
- Available in multiple sizes and configurations
- Easy to clean and maintain





French & Hinged Doors

The traditional design and form of French Doors complement any home. The door panels come in a range of sizes to suit the style and proportions of your home. Side windows can also be included in the frame. This door-set can be conveniently opened one side at a time, allowing you to control the traffic flow, ventilation, and security according to the situation.

Hinged Doors are also highly practical, ideal for secondary living or utility areas like laundries or garages. Fly screens and security screens can be easily fitted to Hinged Doors.

French and Hinged Doors have an optional low-profile, non-trip, flush sill. This type of sill design means there are no dirt traps and obstacles to opening and closing the door, which allows for easy cleaning.

FEATURES

- Optional low-profile Flat-Surfaced Sill
- Easy to clean and maintain
- Panels fold against the house safely out of the way



Stellar™ Doors (Entrance)

Stellar™ Doors are designed to enhance residential entrance ways for homes, holiday homes and apartments. The door range includes 17 door styles from traditional through to contemporary. Doors come in standard sizes such as single or double doors, half doors and sidelight's.

The design elements extend to custom-made and thermally broken options.

If you can't find what you want in our Stellar™ Doors range we can also supply timber, aluminium and fibreglass doors. This means there is a solution for you whether your choice be influenced by durability, lighting or appearance.

FEATURES

- Multiple sizes
- A selection of materials
- Hardware options to suit



Awning & Casement Windows

Awning and Casement Windows go well with both modern and traditional architecture. They're equally strong, weatherproof and stylish and are designed to maximise light and air flow.

Both have an optional in-frame passive ventilation system, which allows homes to breathe even when the windows are closed. This provides a healthy home environment by reducing condensation.

FEATURES

- The improved rigidity of the hollow box section prevents any twisting of the sash when you open or close the window
- The curved condensation channel and cleverly designed drainage system deal effectively with any condensation that may form on your window
- Optional passive ventilation system





Sliding Windows

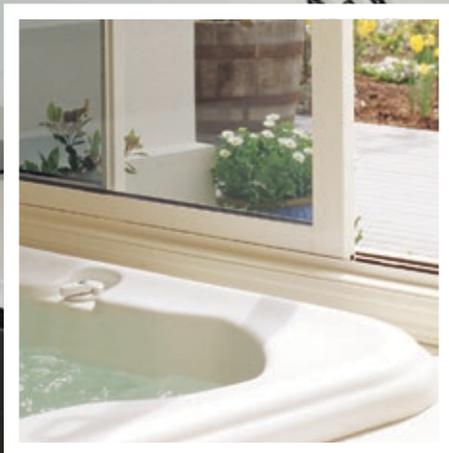
Combining traditional styling with modern materials, Sliding Windows glide open and shut with ease.

Sliding Windows allow for non-intrusive openings onto decks and walkways, encouraging indoor/outdoor communication between guests, hosts and family members.

Installed over kitchen sinks and bench tops, Sliding Windows reduce the risk of strain when you reach to open and close them.

FEATURES

- Smooth style
- Completely secure with no concealed drainage holes
- Double-sliding option
- LevelStep® Sill option





Malta® Hardware

Give your windows and doors the exact look you're after. Specifically designed to match the Altus Window Systems suites, Malta® has a style to please every taste - from elegantly discreet to distinctly architectural. Available in powdercoat, satin chrome or stainless steel finishes.



**SLIDING DOOR
FLUSH PULL**



**WINDOW
FASTENER**



**LARGE
D-PULL**



**HINGED DOOR
HANDLE**



Queenstown Getaway

Architects: Mason & Wales

A steep site with difficult access inspired the design of a long narrow form, just one room wide, partially submerged into the hillside – following the contours of the land.

The view from the top of Queenstown Hill is truly breathtaking. However, its extremely steep gradient was certainly an issue for the architect Francis Whitaker.

“It’s an exceptionally difficult site – extremely steep,” says Francis Whitaker. “It’s the uppermost section of the highest subdivision in Queenstown, so it can never be built out. However, there was a problem – we had no flat land to build on.”

Whitaker’s solution was to design a long narrow form, just one room wide, and partially submerge it into the hillside – following the contours of the land.

“We had no brief from our clients for the look of the house, but because of the spatial requirements and the large number of rooms, the house simply became a series of narrow layers emerging out of the ground,” the architect Whitaker says. “The building actually generated itself. It’s the only way it could exist.”

The topmost floor is effectively a one-bedroom, glass-fronted house, with huge indoor and outdoor living areas, and an even more expansive view.

The Atlantic High Performance Suite visually frames the upper level through a robust aesthetic and precision detailing from; rebated Eurostacker doors with consistent equal height rails through to large Malta ‘D’ Pull handles.

“Overall, it’s a planar design, with enormous concrete floor plates, supported by stone-clad concrete walls and chimneys that break through the floors, creating an extremely forceful composition,” says Whitaker. “The top floor is a steel and glass pavilion – again punctuated by the schist columns – with a pop-up roof. The raised roof contributes to a high four-metre stud in this area and admits more light thanks to the Clerestory windows directly underneath it.”



ABOVE LEFT Eurostackers open out to a private deck.
ABOVE RIGHT Large robust full height Eurostackers meet at a corner pillar and maximise the stunning lake and mountain views.
RIGHT An abundance of glass including clerestory windows allows light to flood in.





Ponsonby Renovation

Designer: Cameron Shields

So what do you do when you have lived in a 100 year old home for close to 15 years and you haven't touched a thing?

2016 saw Jo and Richard Graham begin the daunting task of completely renovating their tired old heritage villa in Ponsonby. Not only was it a massive undertaking, the entire renovation was to be filmed as part of Peter Wolfkamp's TV series, Creative Living.

Along with hundreds of decisions the Graham's needed to make along the way, choosing new windows and doors for the north facing back of the house was high on their list. For this, they sought the expert help of Altus Window Systems.

The brief for the back part of the house was to make it; warmer, let in more light and have an open concept which would turn a few small spaces into a large social space. "Essentially what we were trying to achieve was that seamless flow between indoor and outdoor spaces. By sliding the joinery over the cladding this is achieved, although not without some detailing challenges.

The detailed solution on this project required us to build some small fin walls to stop the joinery against and to work with the existing eave depth. To achieve a level threshold and NZBC/E2 compliance we needed to form a continuous drainage channel between the fin walls with concrete up stand nibs beneath the fins. The final challenge was to achieve the integration of the outdoor leaner as a continuation of the kitchen bench" says Shields.

The final result is a wonderful marriage between the old and the new. The villas character features are evident, but so is the modern, open plan living space. Helped in part by the over wall Altus Atlantic Eurostacker® doors and windows.



ABOVE LEFT Over wall Eurostacker® doors and windows that blend seamlessly with the villa details.
ABOVE RIGHT LevelStep® sills provide trip free access.
RIGHT The over wall Eurostacker® creates the ultimate entertainer's social space.
BELOW Before shot of the dark living area with obstructed access to the outdoor entertaining area.





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