

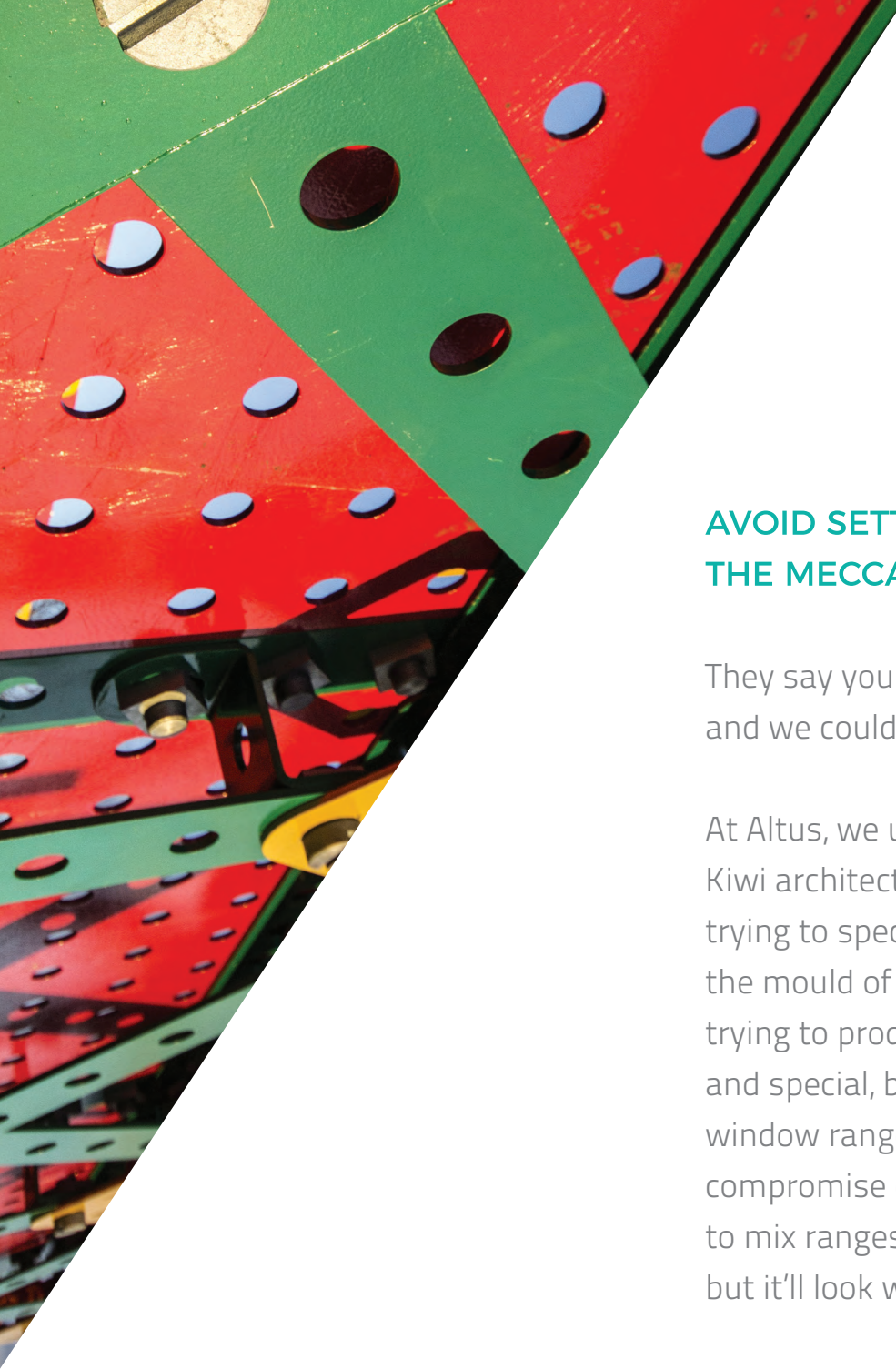


Integrated Windows

Never compromise - get the performance and aesthetic your project deserves.

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AVOID SETTLING FOR LESS WITH THE MECCANO OF WINDOWS.

They say you shouldn't settle for less, and we couldn't agree more.

At Altus, we understand the difficulty Kiwi architects sometimes face when trying to specify a build that doesn't fit the mould of a single market. You're trying to produce a design that's new and special, but you can't find a single window range to suit - you have to compromise on aesthetic if you want to mix ranges. Maybe you'll get it close, but it'll look wrong. Imperfect.

Well, we don't think you should have to settle for anything less than exactly what you want. And it's this exact problem we can solve.



Integrating products

from across ranges

with Altus.

We've designed three of our aluminium window ranges from across markets to blend seamlessly together, allowing architects greater freedom of aesthetic choice without the need to compromise.

Our architectural/light commercial - Atlantic High Performance (48mm platform), Flush Glaze (106, 136 and 159mm platforms) and Shop Front (106mm platform) are the Meccano of the windows and doors world.

While they still meet their own unique specifications, these windows are built off the same platform; they utilise an identical style of sill tray, in addition to the same width and elevation of mullions and other important design elements – such as shared componentry.

But more than that, they're highly functional. One unique aspect of our products is that we use the same seismic framing in our Flush Glaze platform as we do for our Atlantic Suite. Regardless of which you specify; the sill jambs and head sit within a full-perimeter channel, semi-isolating the windows in the event of an earthquake. Uniformity of design is highly important, but so is safety.

Our windows have also been rigorously tested to not just meet New Zealand standards, but exceed them. For instance,

the Atlantic High Performance Suite is built to exceed NZS 4211 and surpass wind zone requirements.

And that's far from all. We've put many of the Atlantic configurations through NZS 4284 testing, as well as all our standard Flush Glaze and Shop Front arrangements. We've tested for weather tightness, build quality, and every other scenario we could think to push them against.

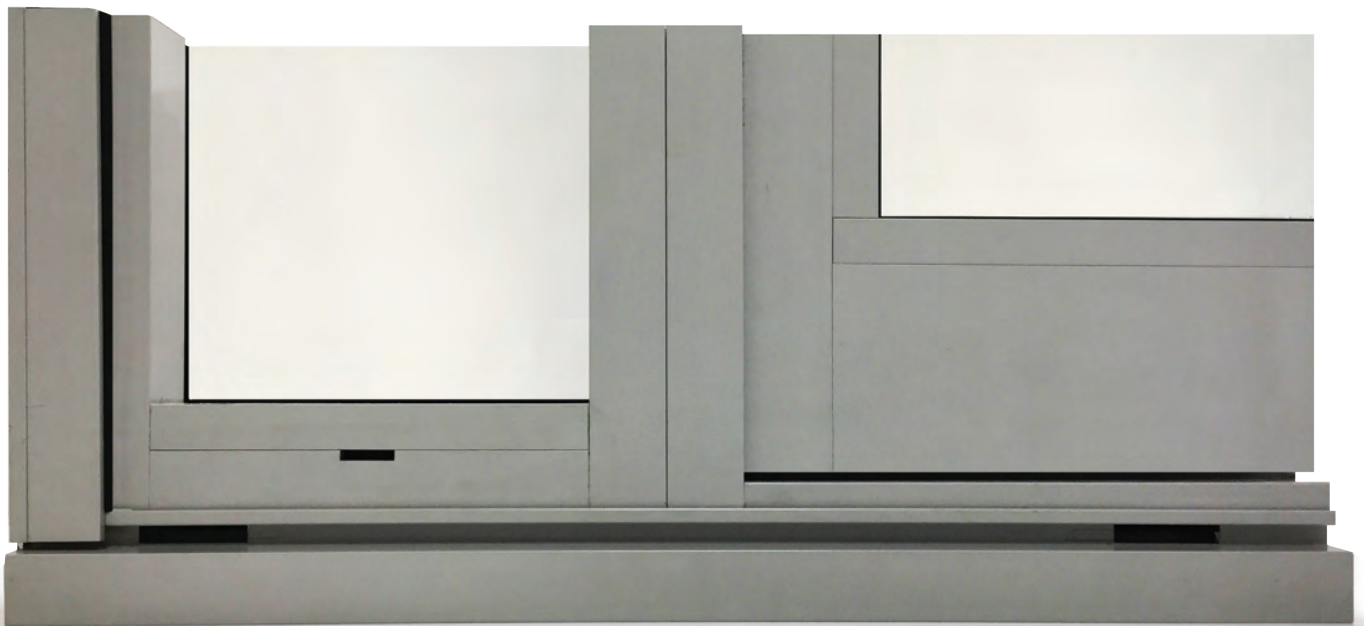
Developments' often fall outside NZS 3604. Under your E2 requirements for windows and doors, specific testing may be required with tightened council regulations or facade engineer involvement. Altus' wide array of tests cover many situations, but what happens when we want to push the limits?

Simple. Talk to your local Altus representative. We can guide you through concept design, developed design, and arrange a specific NZS 4284 to ensure window, door and façade compliance.

Examples of this integration in use.

Try incorporating the sleek in-line sliding or stacking door design from the Atlantic Suite - popular in high-end contemporary homes - into your commercial shop front. It creates a modern, slender façade not commonly found in commercial-only window ranges. If you were to do the same with products that didn't match, you'd likely need to build an add-on door. Sure, you'd have your existing flush glaze framing, but with the door effectively bolted onto the outside. It would look acceptable to some, but do you want acceptable, or perfect?

Additionally, in medium or multi-density situations, we tend to find that architects request their large-glaze curtain wall entranceways to look the same as the sliding doors for their smaller units. Again, it's about finding a visual symmetry between products despite pulling them from different ranges.



ABOVE Atlantic Euroslider® coupled to 106mm Shop Front integrated into a continuous seismic frame

Learn more

about the versatile

Atlantic Suite:

The Atlantic High Performance Suite was designed specifically for high-end homes and light commercial application; suiting contemporary, unique designs, extraordinary locations, super weights and whatever else the modern Kiwi architect might throw at it. Its style and durability, of course, also make it an ideal counterpart for more intense commercial use in tandem with our Flush Glaze or Shop Front suites.

Each of the Atlantic's products sit on our standard 48 mm platform (which again, matches our other ranges), with 106 mm and 159 mm options available for both frames and mullions. It has flat and square front facings, with seismic frame options.

What makes this suite special?

The Atlantic Suite can be specified up to 3.2 metres high, or even higher if you have a special application. Plus, we've been careful to minimise or eliminate visible aluminium joinery, allowing building occupants a more unobstructed view from inside.

And as we mentioned, this suite's wind performance is exceptional. Its level is twice the Very High Wind Zone and water tightness requirements, and we've even seen it exceed these by three times in some circumstances.



Learn more about the Shop Front & Flush Glaze Platforms:

The Altus Flush Glaze range is the leading solution for glass curtain walls. It is available in 106 mm, 136 mm or 159 mm depths, giving it improved strength and performance and enabling it to integrate with the same-sized Atlantic counterparts. This improved strength also means you can increase span lengths without the need to specify a larger base size. Stack joints in the Flush Glaze suite are also capable of up to 20mm of movement.

Meanwhile, the Shop Front platform is perfect for ground floor façades with a sense of style. These products are available in 106 mm depths, again allowing for greater spans without the need to specify a larger base size. This range has been enhanced to accommodate double-glazing at depths of up to 27 mm.

What makes these platforms special?

You'll get more door options with the Shop Front range, especially combined with our Atlantic products. The Atlantic offers door options up to 48 mm thick and single or double glazing options up to 34 mm. Bifold, hinged, pivot, sliding and automatic doors are all supported opening mechanisms. Bifold doors can weigh up to 120 kg and sliding panels in excess of 250 kg. Finally, if it meets your plans, we can make Shop Front doors fully watertight.

Both of these suites come with the full perimeter seismic frames that we talked about earlier, helping make them safer during an earthquake.



It's a tricky thing, changing from your trusted window supplier to somebody new, but we're confident that a swap to Altus is the right decision.

We're one of New Zealand's leading innovators in the windows and doors space, and our work is underpinned by a well-trusted fabricator network including Fisher, Nebulite, Rylock and Vistalite. Plus, we're continually pushing to deliver a better, more cost-

effective building solution to New Zealanders, including integrated window solutions and award-winning products like the Smartfit® window.

So the next time you're scratching your head over a project that sits somewhere between product ranges, look to Altus for the integrated solutions that fit your unique needs.



**Choose
Altus
today.**

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