

PCW Commercial Windows opening the door to a more sustainable future

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FOR IMMEDIATE RELEASE

Located on the NSW Central Coast, [PCW Commercial Windows](#) is a longstanding and respected market leader in manufacturing and installing commercial, industrial and upmarket residential windows and doors.

Their exceptional portfolio of work spans the Central Coast, Sydney and Hunter Regions of NSW and includes many schools, civic buildings, institutions and architectural homes.

"Our extensive industry experience and product knowledge means we can offer advice and design ideas for projects of virtually any size" " comments Owner and Managing Director Leigh Spinks. "We've forged strong relationships with many builders, big and small and are very proud to be 100% Australian owned and operated and manufacturing all our products to Australian Standards."

Keeping abreast of changes within the construction industry is a high priority for Leigh and his team. **"It's constantly changing; in particular, windows and glazing are undergoing great changes at the moment, energy provisions are tightening, and the performance of windows just needs to be better than in the past. More and more of our projects are double-glazed, and we are seeing increased demand for energy efficient products, particularly in commercial building applications. We prioritise ensuring our team is across the changing codes and provisions and technically capable of delivering exception-compliant products to our projects every time."**

Compliance is not the only place Clients, Architects, and Builders are expecting more from their window and door providers; in the past twenty-four months, Leigh and the PCW team have observed a noticeable shift in perceptions about windows and sustainability, noting that transparency regarding the sustainability of the products they provide is becoming a necessity.

"Many of our clients want to know exactly where their products are coming from, how they have been manufactured, what materials are used, what the environmental impact of these products is", adds Leigh. "Where sustainability was something people asked about occasionally, it has now become part of our daily conversations with clients and a critical component of all our commercial tenders."

This shifting focus is not surprising, given the growing recognition of the importance of embodied carbon in buildings.



In 2022, Capral Aluminium, PCW's leading supplier of Aluminium Window and Door Systems, introduced [LocAl® a Lower Carbon Aluminium](#) offer as standard across their full range of residential and commercial windows, doors and framing systems. Providing PCW access to a lower carbon aluminium option for their clients at no additional cost.

At eight kilograms of carbon emissions per kilogram of aluminium*, the LocAl® Green offer has 50% lower carbon emissions than the current global average for primary aluminium. It allows Australian window and door manufacturers like PCW to make more responsible procurement decisions when they source extruded aluminium.

"The ability to provide our clients and the Architects they work with access to Lower Carbon Aluminum without any price premium has been essential for PCW; it answers the questions our clients are asking and gives them access to cleaner, green aluminium for their projects." Says Leigh, **"It has enabled us to respond to the needs of the Architecture and Design community in their commitment to reducing embodied carbon within the built environment."**

Access to window, door and framing systems extruded from lower carbon aluminium will ensure PCW is well-positioned to support Architects and Builders seeking Green Star certification on their projects.

Green Stars' updated rating system has set a target for all project certifications to achieve a minimum of 40% reduction in upfront carbon by 2030. To achieve this target, it is imperative to address the use of aluminium. From this year onward, new projects registering for Green Star certification will be required to achieve a minimum of 10% reduction, with a 20% reduction required for a 5-star scheme.

In addition to being extruded from Lower Carbon Aluminium, the aluminium extrusions that make up the window and door systems PCW sources from Capral are also ASI Performance and Chain of Custody Certified.

Green Star's Responsible Products Framework is linked to ASI Certification, which helps achieve credits under the Responsible Envelope initiative. This further connects the sustainability picture from embodied carbon to the broader social, economic, and environmental aspects of a material's provenance.

Capral is the only [ASI Certified extruder](#) within Australasia and, currently, the only window and door systems supplier offering ASI Certified aluminium extrusions within Australia.

"We are very grateful that our supplier, Capral, is taking the lead in this space, making it possible for PCW to source lower-carbon aluminium products that have been ASI-certified throughout the value chain. It gives us a unique point of differentiation in the marketplace and the confidence to speak with full trust and transparency about the source of the aluminium used to produce the window and door systems we manufacture," adds Leigh



**These figures are based on kilos emitted per kilo of aluminium produced - Aluminium Smelting and Casting*

ENDS

Photography

Photos for use with this release can be downloaded here

<https://www.dropbox.com/scl/fo/mq3fglw2qs9u6sxbi313t/h?rlkey=9gbfqovbsfcwjgb1dsr8gx4ly&dl=0>

Any questions or to request additional imagery or quotes please contact

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