

NORTH AMERICAN MANUFACTURER LAUNCHES WORLD'S FIRST FIBERGLASS WINDOW WALL

INNOVATIVE PRODUCT SUBSTANTIALLY INCREASES OVERALL ENERGY EFFICIENCY OF COMMERCIAL BUILDINGS

Langley, B.C., Canada: Cascadia Windows & Doors proudly launches the world's first fiberglass-framed window wall system. The Universal Series™ Window Wall marks an innovative step forward in energy efficient building technology, allowing architects and specifiers to substantially improve the overall thermal performance of commercial and high-rise buildings, without sacrificing window size or glass area.

Boasting comparable structural performance, lifespan and price-point to traditional aluminum window walls, the Universal Series™ Window Wall can improve a building's thermal performance by 50% to 150%, compared to traditional aluminum, largely due to the inherent thermal efficiency of the window wall's fiberglass frame. Available with both double and triple paned glass, the Universal Series™ Window Wall delivers R4 & R7 thermal performance, respectively, and leverages similar technology as the company's Passive House Certified (U.S. and International) series of windows and doors. This designed-in-North-America system arrives at an opportune time for the construction industry.

"Jurisdiction across North America are aggressively outlining better energy efficiency requirements for commercial buildings," explains Cascadia Windows & Doors President Mike Battistel. "Over the last 20 years, traditional commercial windows haven't improved as much as other building products, but they represent a very significant part of the building envelope. The efficiency levels of windows impact everything from the sizing of heating and cooling systems to general comfort and livability of the space."

And that was one of the main catalysts for the development of the Universal Series™ Window Wall. As more aggressive building codes come into effect across Canada and the U.S., the Cascadia team recognized architects and specifiers were finding themselves having to trade natural light and a more livable buildings for energy efficiency.

"Our Window Walls provide architects and specifiers the best of both worlds," says Battistel. "They can design exciting, engaging buildings that people want to live and work in, all while delivering better building efficiency. They don't have to choose between the two. In almost all cases our window walls exceed the most stringent code requirements."

The benefits of the Universal Series™ Window Wall go beyond just efficiency—the product also helps a buildings bottom line. Apart from reducing costs associated with construction of a building's overall heating and cooling infrastructure, the Universal Series™ Window Wall reduces energy consumption over the lifespan of the building. And with a life-span of between 50-75 years, those savings add up.

"We're very excited about the Universal Series® Window Wall," says Battistel, "not just for what it can offer the building industry, but how it can help slow climate change and deliver more livable spaces."

ABOUT CASCADIA WINDOWS & DOORS:

Cascadia Windows & Doors was founded in 2008 in Langley, British Columbia, Canada, by a collective of building science and window specialists. Their focus was to innovate, commercialize, and produce the most energy-efficient building products in the marketplace.

Cascadia manufactures resilient, versatile, and sustainable building envelope products, including windows, doors, and cladding support systems forged from high-quality pultruded fiberglass. Cascadia's mission is to lead North America's transition to energy-efficient building design. They accomplish this by offering high-performance products that substantially reduce CO₂ emissions, thereby reducing the contribution to climate change.

Learn more at www.cascadiawindows.com

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