

A WINDOW INTO THE FUTURE

AEGIS W10K WINDOW WALL



**ALL WEATHER
WINDOWS**
COMMERCIAL

WINDOW WALL OFFERS AFFORDABILITY WITHOUT SACRIFICING QUALITY OR AESTHETIC APPEAL.

YOU DREAM IT, WE BUILD IT

The All Weather Windows Commercial team brings together unrivaled expertise in design, engineering, testing, and project management to offer a fully-customizable window wall product that meets any vision and challenge.

When you work with All Weather Windows Commercial it means you are working with a local Alberta-based company in Edmonton & Calgary.

We work directly with architects, contractors, engineers, and other members of your team during every stage of planning to see projects through to completion. Regardless of the scale or complexity, our specialized and professional team of experts provide effective window wall solutions for optimal efficiency that ensures projects are completed on time and on budget.

For your installation needs our team of experts manage all aspects of installation, finding the most appropriate solution and executing it right the first time, on time. Our dedicated follow-up service guarantees an outstanding experience and client satisfaction.

THE CORNERSTONE OF CONSTRUCTION

All Weather Windows Commercial is proud to introduce our newest architectural product: the Aegis W10K window wall. Specifically engineered to endure Canada's unique environmental conditions, Aegis W10K provides an affordable and comprehensive solution without sacrificing quality or aesthetics.

SEE BUILDINGS IN A NEW LIGHT

From floor to ceiling in every room, the Aegis W10K window wall system unites both our technical skills and manufacturing excellence. At All Weather Windows Commercial, we are uniquely equipped to create and execute a stunning window wall solution that will enhance the architectural appeal—and value. Whether it's incorporating the use of exterior panel foam for added insulation or installing triple pane glazing to increase overall energy efficiency, the Aegis W10K system stands up to building demands.

WHY WINDOW WALL?

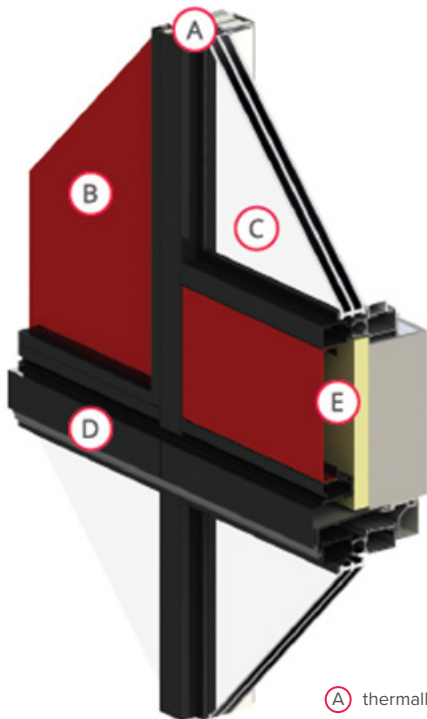
Window wall is a modular premanufactured panel system installed from the interior of the structure. With window wall, installation is faster than other applications as it aligns with concrete work allowing you to finish your job quicker. Coupled with simplified installation, the savings add up for your bottom line.

By utilizing rapid 3D print prototyping, we can provide exact details of a window wall build for added clarity and confidence. This optimized process means a timely completion and dependable delivery of products with service that is both convenient and reliable.

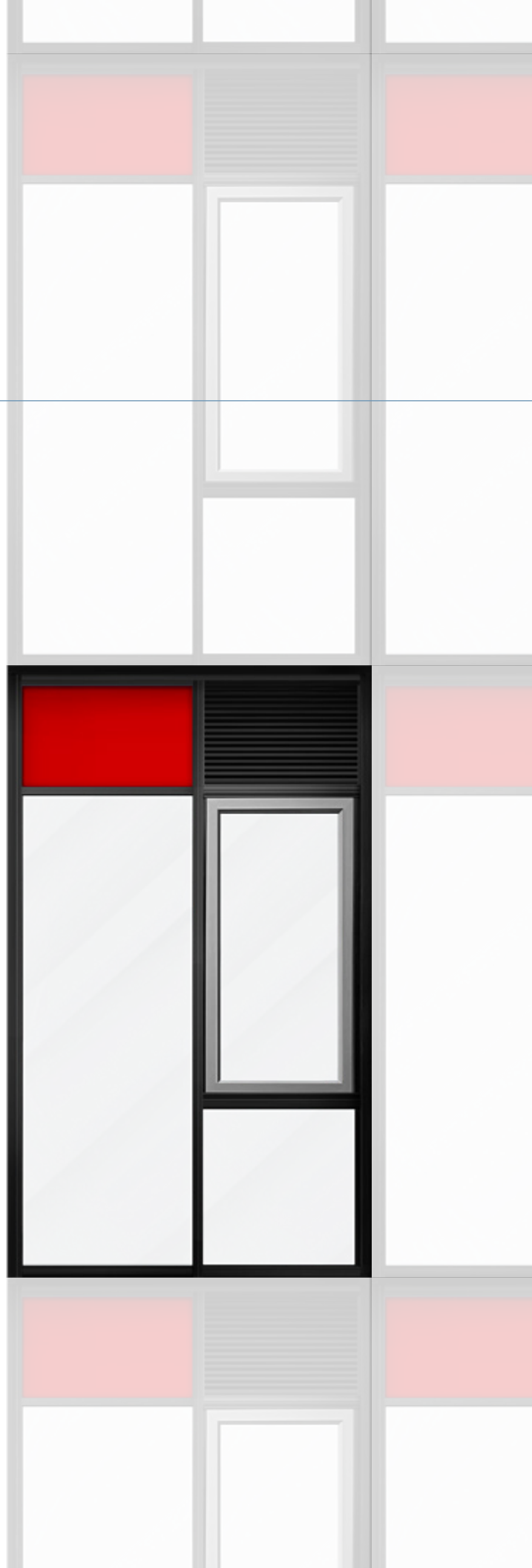


Choose the Aegis W10K Window Wall for:

- a range of exterior frame colours
- more flexibility for the ultimate in architectural design.
Choose from various sealed units, spandrel glass, aluminum panels and different operating styles including patio and swing doors, etc.
- interior glazing which reduces cost of any potential future glass replacement



- (A) thermally broken aluminum system
- (B) customizable panel configurations and infill
- (C) dual and tripane options
- (D) standard deflection header
- (E) integrated slab bypass



PERFORMANCE THAT COUNTS.

At All Weather Windows Commercial, we are obsessed with producing high quality, high performance products — and the Aegis W10K window wall is no different. Aegis W10K offers a true integrated bypass section for a seamless look which eliminates the need for additional external slab covers. Injection moulded silicone gaskets are used to create a main frame seal that offers rigid structural support and sealing that is far superior to traditional methods.

All materials used in the Aegis W10K undergo rigorous testing to meet the high energy efficiency standards that modern construction demands. The Aegis W10K features an enhanced thermal design with a large 38mm thermal break to slow heat transfer for better energy efficiency aligning with stringent building codes. Not only does this thermal break provide energy efficiency and additional strength but also a high degree of durability, even in low temperatures. Available in dual and triple pane units that include a glazing pocket optimized for 6mm glass using 1/2" spacers. Optional interior glazed awning and casement operating styles are also available.

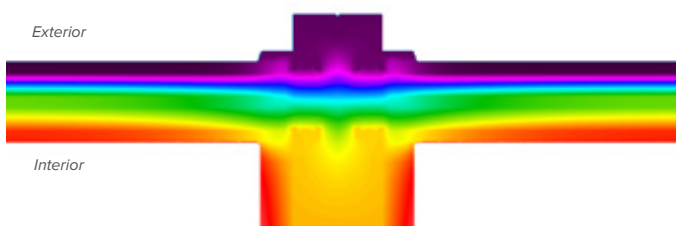
PRODUCT PERFORMANCE & SIZING

WINDOW WALL	FIXED	CASEMENT	AWNING
Performance Grade		PG 60	PG 45
Structural Design Pressure: <L-175 deflection on aluminum members	2880Pa	2880Pa	2160Pa
Ultimate Structural Pressure: <0.2% deflection on aluminum members	4320Pa	4320Pa	3240Pa
Air Infiltration	<0.2L/s*ms @300Pa	<0.5L/s*ms @75Pa	<0.5L/s*ms @75Pa
Water Infiltration	720Pa Static & Dynamic	720Pa	720Pa
U-Value: Dual Pane	0.30	0.38	0.38
U-Value: Triple Pane	0.24	0.31	0.31

OPERATING STYLE	SIZING
Casement	Width: min 400 / max 900 (mm) Height: min 400 / max 2100 (mm)
Awning	Width: min 400 / max 1500 (mm) Height: min 400 / max 1600 (mm)

Interior glazed awning and casement operating styles are available in 3 frame configurations: straight leg frame, window wall insert and curtain wall insert.

THERMAL PERFORMANCE



Even in the most complex of builds, the Aegis W10K window wall has been specifically designed to allow for optimal control over the finished look with fully customizable exterior surface finishes.

Our Commercial experts are available to support your architectural vision and elevate your projects engineering and technical features to the next level.

A CLEAR

LOOK AT EXCELLENCE

ALL WEATHER WINDOWS ADVANTAGE

Alberta based All Weather Windows is a name with a solid Western Canadian reputation and over 40 years of experience. We're recognized—and trusted—as unparalleled professionals and experts in window design and manufacturing.

Choose All Weather Windows Commercial for:

- Local expertise
- Products that are CNC cut, drilled and caulked for accuracy
- 3D laser scans available for a confident fit

Our reputation goes far beyond windows—All Weather Windows has been recognized as one of Canada's Best Managed Companies every year since 2009.

CUTTING-EDGE COMMERCIAL SOLUTIONS

After decades spent earning our reputation as residential window manufacturing experts, we decided to expand our offerings by creating All Weather Windows Commercial in 2008. Since then, we have become known for delivering superior expertise, quality, and meticulous craftsmanship as glazing specialists. We strive endlessly to develop quality architectural solutions—like our new Aegis W10K window wall — that reflect your projects vision and customized needs.

All Weather Windows Commercial provides a wide variety of products for:

- Curtainwall
- Window Wall
- Storefront
- Entrance Systems
- Skylights & Sloped Glazing
- Interior & Specialty Glass



*NAIT, Edmonton
Interior and Specialty Glass*



*CN Railway Co., Edmonton
Curtainwall*



*Monsignor Fee Otterson Elementary /
Junior High School, Edmonton
Curtainwall*



*Sherwood Park Toyota, Sherwood Park
Curtainwall*

BUILDING A FUTURE TOGETHER.

CUTTING-EDGE COMMERCIAL SOLUTIONS

From design to commission, details to big picture, we work with you to turn your vision into a reality, all backed by our dedication to unparalleled customer experience.

For more information about our products and services, visit awwcommercial.com.

LET'S GET STARTED

To find out how All Weather Windows Commercial can help your team, contact us today.



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Platinum
member



*Introducing the
newest product
from All Weather
Windows
COMMERCIAL—
Aegis W10K
Window Wall.*

