



Architect: Faulkner Architects | Photographer: Joe Vecchier

CURTAIN WALLS | PRODUCT SOLUTIONS



CURTAIN WALL offers unlimited design freedom with maximum transparency to meet all the requirements for contemporary architecture. Innovative solutions contribute toward the tendency of large and expansive panes of glass. Window & Door Solutions can be seamlessly integrated into a framed structure. The system features several design and glazing variants, featuring standard pressure plates and structurally clamped options.



Barclay Home Design
Photographer: Blackstone Edge Studios (Philip Clayton Thompson)

FEATURES / HIGHLIGHTS

- Standard 2" Visible Width for All Spans
- Variety of Cap Designs & Sizes
- Structurally Clamped Configuration
- Slim (Steel Look) Frame Option
- Combines w/ All Other Product Solutions

WINDOW & DOOR PRODUCT SOLUTIONS

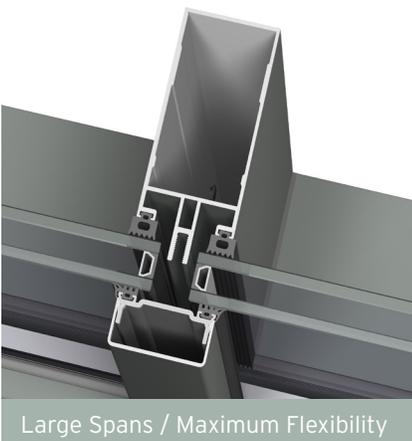
HARMONIOUSLY WORKING TOGETHER FOR MAXIMUM VISUAL APPEAL



CURTAIN WALL | PRODUCT SOLUTIONS

EXPANSIVE VIEWS WITH UNLIMITED POSSIBILITIES. Reynaers is a worldwide leader for custom curtain wall solutions. Our products are featured on some of the most complex and well known buildings in the world. Our system design allows for the integration of other Reynaers window and door systems with a variety of concealed connection profiles for superior aesthetics. Designed for large walls of glass, these solutions are ideal for situations where heights exceed 12 ft. versus using a window wall system. In addition, curtain walls can be used to seamlessly combine various window and door systems into a single facade. Regardless of height and span our frame profiles always feature a 2 in. visible width for some of the narrowest sight-lines in the industry.

CONCEPT WALL **CW 50**



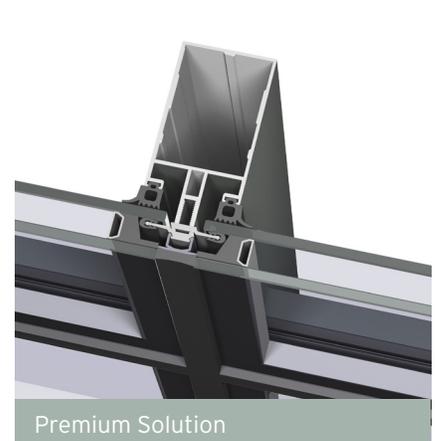
CW 50 is the standard frame for curtain wall that blends well with any of the various profile designs within our product lines.

CW 50-SL SLIMLINE



CW 50-SL Slimline features a slim frame to coordinate with other slimline product variants to achieve a steel or classic look.

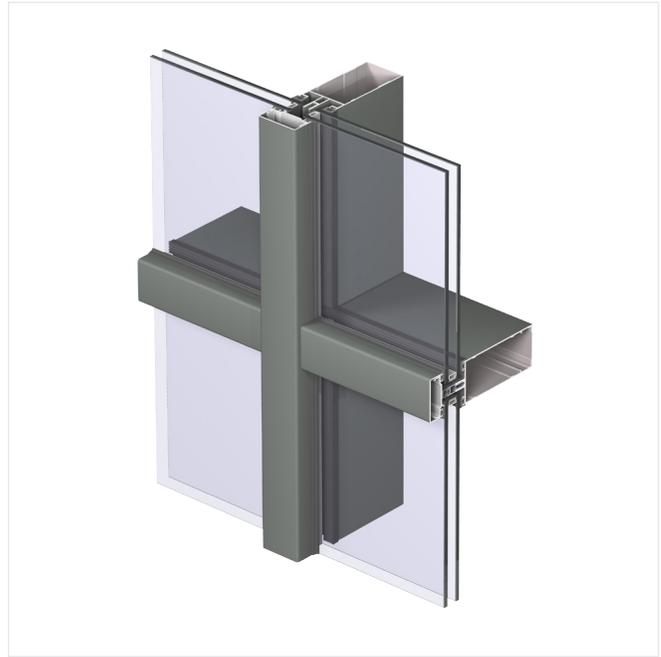
CW 50-SC STRUCTURAL CLAMPED



CW 50-SC structural clamped curtain wall is ideal when seeking a continuous flush pane of exterior glass for a sleek look.

A VARIETY OF CAP DESIGN OPTIONS. The CW 50 stands for an extensive range of profiles, gaskets, accessories and tools, specially developed for easy installation. This range of CW 50 profiles meet all the requirements of contemporary architecture, including a large variety of exterior options.

Profile Dimensions		Visible Width (in.)	
		Interior	Exterior
CW 50 Standard	Standard	2	2
CW 50	Slimline	2	2
CW 50-SC	Structurally Clamped	2	3/4" Caulk Joint



POPULAR EXTERIOR CAP DESIGN OPTIONS

VARIES BASED ON SPAN (TYP.)

The diagrams show the following exterior cap design options with their dimensions:

- FLUSH
- 1/4"
- 7/8"
- 1 1/8"
- 13/16"
- 1 9/16"
- 1 5/8"
- 2 3/16"
- 1 3/4"
- 4 3/16"
- 4 11/16"

Performance Specifications		CW 50		CW 50-SlimLine		CW 50-SC		
Icon	Specification	Glazing	Double	Triple	Double	Triple	Double	Triple
			Thermal Insulation (Btu/hr-ft ² -°F)	Uw	0.23	0.14	0.23	0.14
		SHGC	0.25	0.18	0.25	0.18	0.25	0.18
	Acoustic Performance ASTM E90-09/1332	STC	41		41		39	
		OITC	35		35		34	
	Air Tightness (cfm/ft ²)		0.02		0.02		0.04	
	Wind Load Resistance (psf)		90 Structural Overload		90 Structural Overload		90 Structural Overload	
	Water Tightness (Static & Dynamic) (psf)		15		15		15	

All results based on gateway sizes; vary depending on glass/profile combinations | Above Uw & SHGC values do not necessarily work in combination

REYNAERS ALUMINIUM is a symbol of high quality architectural windows and doors.

Reynaers continually leverages the latest world-wide technology to evolve our products into engineering marvels that are aesthetically breathtaking.

THERMALLY BROKEN. Reynaers exclusive state-of-the-art thermally broken technology uses fiberglass reinforced polyamide strips, providing a best-in-class insulating system for top-notch energy performance.

ROBUST CORNER CONNECTIONS. Reynaers superior fit & finish is most evident through the quality of our corner connection. Our corners are joined using corner cleats and keys. Profiles are then crimped with epoxy to tightly secure profiles in place.

ENGINEERED & TESTED. Reynaers products are engineered and tested to handle all types of environmental conditions, incorporating design pressures certified by AAMA (American Architectural Manufacturers Association) for structural performance with exceptional air and water tightness. Testing reports / product simulations are available for various product configurations.

DRY GLAZING. Dry glazing offers easier installation in any weather condition and allows for simple on-site glass replacement without requiring removal of frames or panels. This method provides the ultimate in air & water infiltration performance with gaskets on both sides of the glass.

HIGH PERFORMANCE GLASS. Reynaers products feature Guardian® glazing and Cardinal® glass. These panels include double or triple pane Low-E glass for maximum heat resistance and energy performance. Our systems have been certified by the NFRC with SHGC coefficients and U-values which go above & beyond most local code requirements.

DESIGNED IN EUROPE,
WELL CRAFTED IN AMERICA