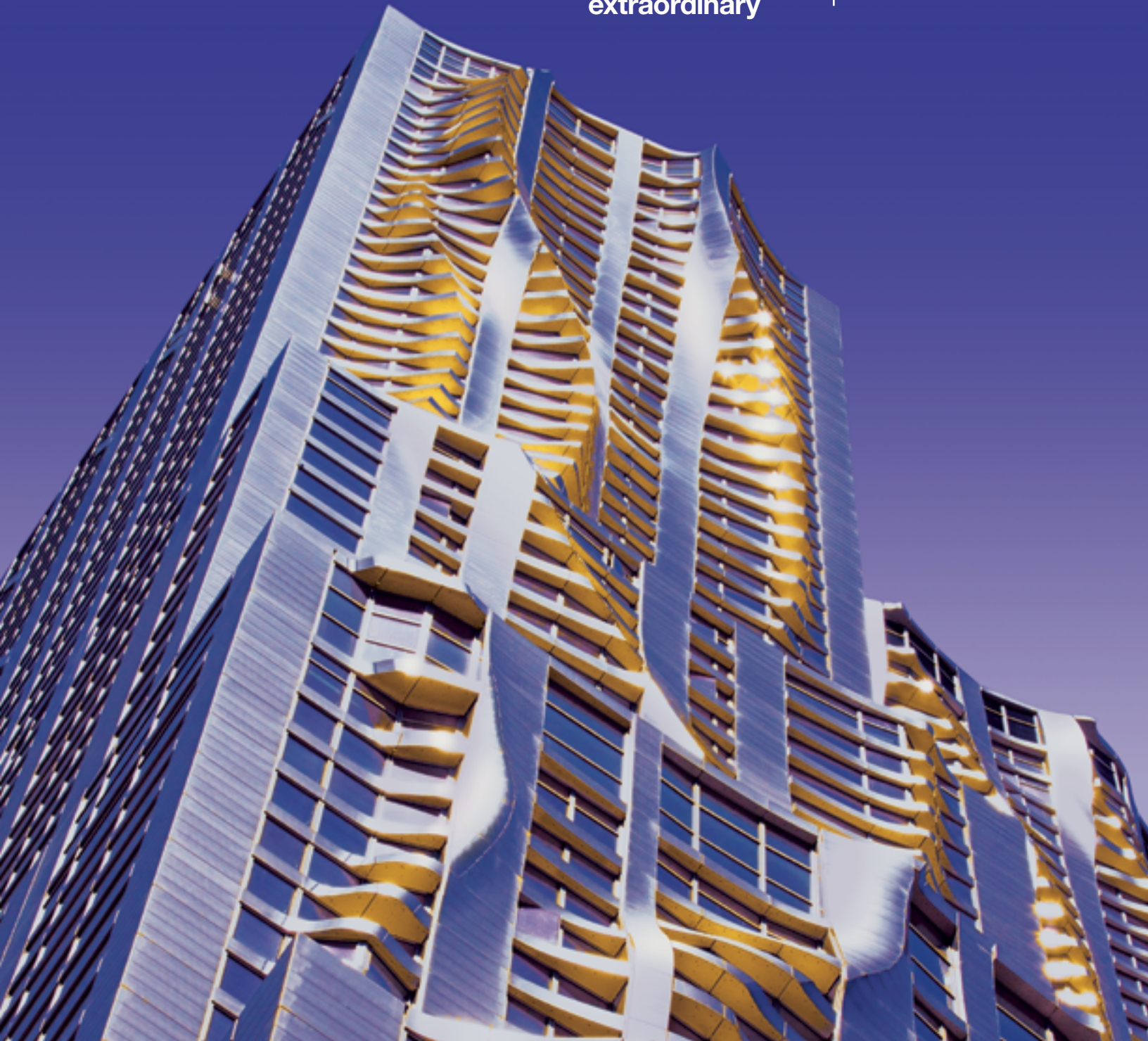


Architectural
windows from
ordinary to
extraordinary

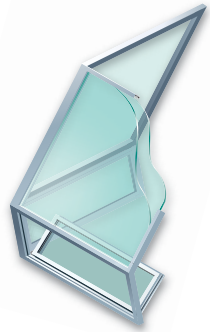
windows



Oldcastle BuildingEnvelope®

Engineering your creativity™

We make the windows others can't.



We offer customized solutions to your building challenges, going beyond what others can do for you.

“ **WHEN YOU ARE DESIGNING COMPLEX, CUSTOM OPERABLE WINDOWS, YOU NEED TO RELY ON EXPERTS.** ”

— Robert Siegel,
Principal and
Founding Partner
of Gwathmey Siegel
& Associates

Oldcastle BuildingEnvelope® leads the way in the design, engineering and manufacturing of highly custom and standard architectural and heavy commercial windows. With such captivating buildings as The Gates Center for Computer Science, The Cooper Union and 400 Fifth Avenue, our showcase of architectural windows reflects the meticulous attention given to some of the nation's most distinguished commercial, institutional and luxury high-rise residential structures. Our innovative approach includes offering some of the best engineering expertise in the industry for architects to rely on, as well as our experience and knowledge in handling the most complex custom projects—every step of the way. We incorporate leading-edge technologies and best practices to meet your needs. In addition to our wide range of architectural windows, we offer the most comprehensive portfolio of products and services specified to close the building envelope. Our products include custom-engineered curtain wall and window wall, architectural windows, storefront systems, doors, skylights and architectural glass.

The Cooper Union
Location: New York, NY
Architectural Windows
and Window Wall



Gehry@ 8 Spruce Street



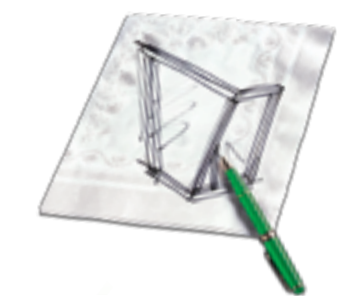
This towering 76-story skyscraper design by renowned architect Frank Gehry is one of the tallest and most dramatic residential towers in the world with its distinctive glass and titanium exterior. Oldcastle BuildingEnvelope® designed, engineered and manufactured dramatic architectural windows to meet the desired acoustical, thermal, daylighting control and aesthetic requirements of Gehry's vision for this midtown Manhattan icon. Engineered for aesthetics and performance, these architectural windows make a dramatic statement.



CUSTOM ARCHITECTURAL WINDOWS

When you're working with Gehry Partners, you have to walk away from convention. Our unique ability to provide a custom solution for 8 Spruce Street is what sets us apart.

So why choose us as your window supplier?



1 WE START WITH A CLEAN SHEET
While we offer a complete selection of standard window models, unlike traditional architectural window manufacturers, we can create fully custom windows based on your design.

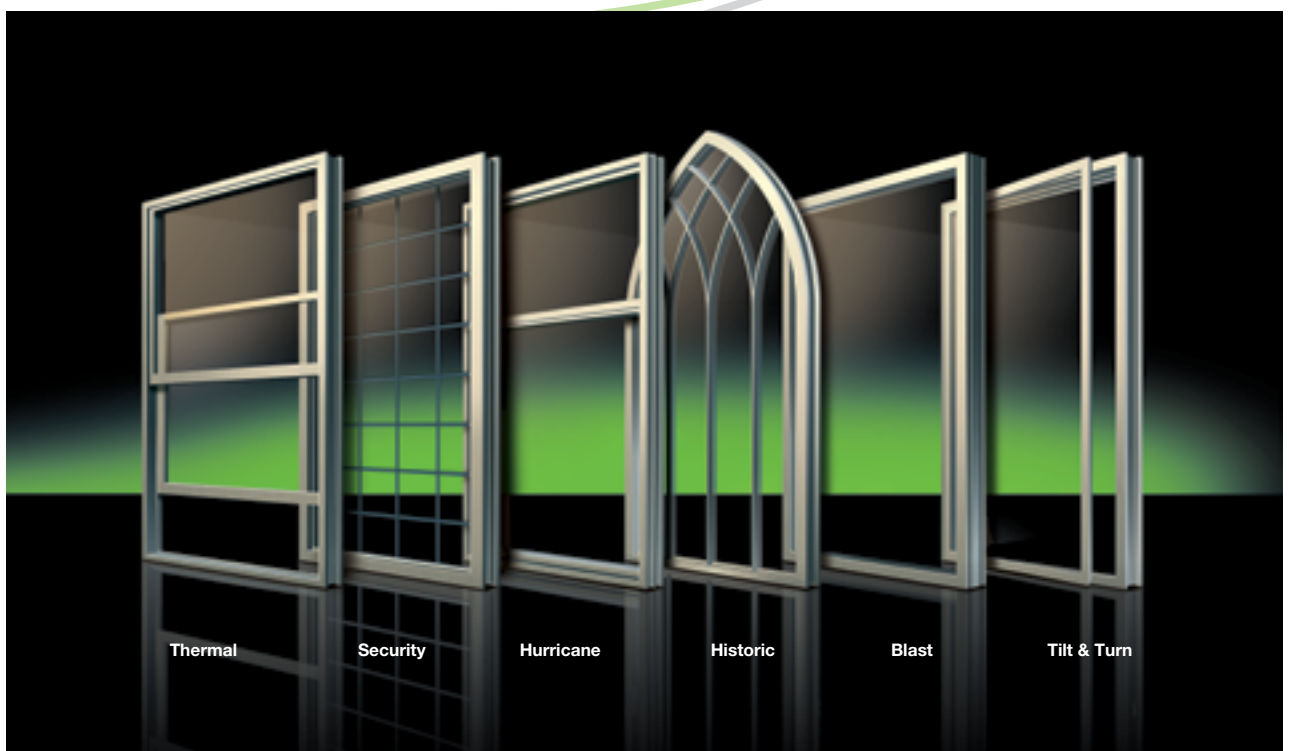


At Oldcastle BuildingEnvelope®, we design, engineer and manufacture the windows others can't. In fact, on a recent, high-profile project we were brought in by the design architect after another manufacturer was specified but couldn't deliver the design. So how do we do it? Due to our unique ability to create complex custom architectural windows, we are brought in to partner at the earliest stages of design. We work closely with architects and designers to deliver the desired aesthetic while delivering maximum performance. What's more, we control the entire manufacturing process. We start with raw aluminum billet and glass, and end with architectural windows. No middlemen, no supplier-juggling and no finger-pointing. And with the industry's largest national footprint, we are where you and your projects are and you have the peace of mind knowing you have chosen the leader.

2 PLEASING THE MOST DISCERNING ARCHITECTS
We have partnered with some of the world's most prominent architects.



3 UP-TO-THE-MINUTE SCHEDULING
We track each of your project's critical path tasks and update you so there are no surprises.



4 WE OFFER THE MOST COMPLETE PORTFOLIO
From high performance to hurricane, blast and more—our window offering is unmatched.

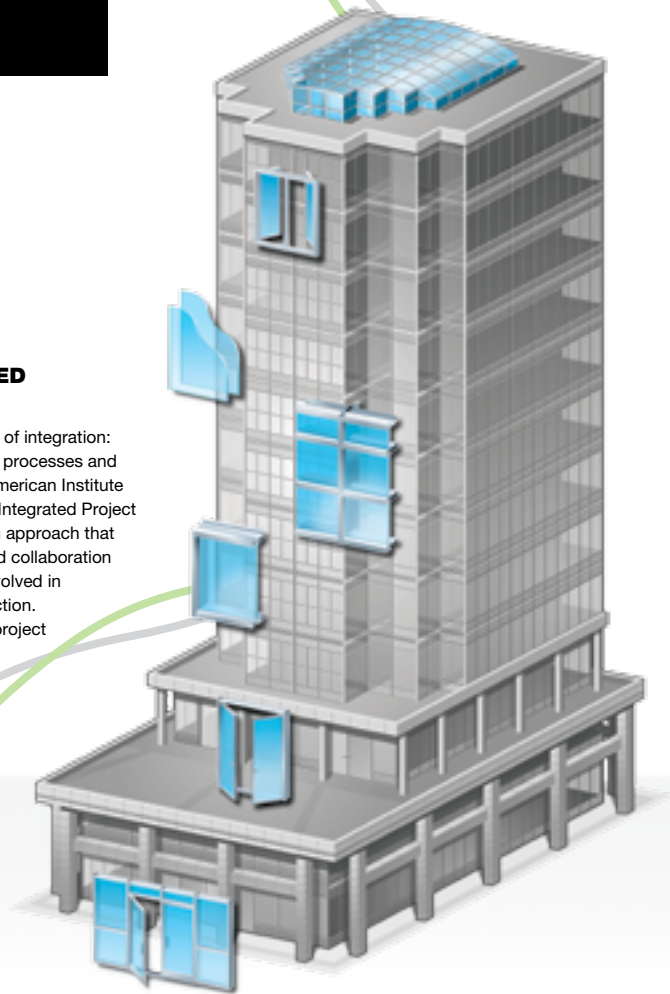


6 A LEADER IN SECURITY
Our security line of windows includes hurricane, blast, psychiatric, detention and more.



5 WE EMPLOY LEADING-EDGE TESTING
From proprietary 3-D modeling and energy analysis, we leverage cutting-edge technologies.

7 AN INTEGRATED APPROACH
Our approach is one of integration: integrated products, processes and stakeholders. The American Institute of Architects calls it Integrated Project Delivery (IPD). It's an approach that focuses on increased collaboration among all parties involved in a building's construction. We approach each project the same way.



8 LARGEST NATIONAL FOOTPRINT
Whether your next project has one or 500 locations and is in Palm Springs or Providence, we have a manufacturing location nearby.



15 Central Park West



North Central Junior High School

We are **everywhere.**

From Tampa to Tahoe, our architectural windows grace some of America's most discerning buildings. Our extensive industry experience includes hospitality, retail, education, government, healthcare, military, museums, airports and more.



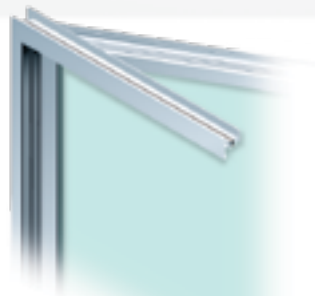
Carnegie Mellon University



Columbia St. Mary's Hospital

400 Fifth Ave.
Location: New York, NY
Custom-Faceted
Operable Windows

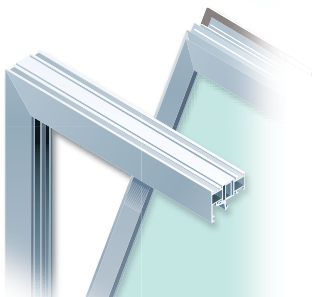
Architectural Windows



SIGNATURE SERIES: 12PL-14PL-16PL

The 12PL-14PL-16PL offer enhanced architectural performance. Overlap sash-to-frame design utilizes state-of-the-art manufacturing techniques to deliver performance, configurations, flexibility and reduced lead times. For larger unsupported spans, 3-1/2" and 4-1/2" depth framing members are available to provide increased structural integrity.

Performance
Air Infiltration: <.10 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 12 PSF per ASTM E-331
Deflection Load: +/-70 PSF per ASTM E-330
Structural Load: +/-105 PSF per ASTM E-330



EVENLINE SERIES: 24P

The 24P incorporates uniform sightlines in all directions, which is attractive and free from irregularities with smooth, even lines. Flush sash-to-frame design utilizes state-of-the-art manufacturing techniques to deliver performance, configurations, flexibility and reduced lead times.

Performance
Air Infiltration: <.10 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 12 PSF per ASTM E-331
Deflection Load: +/-75 PSF per ASTM E-330
Structural Load: +/-112.5 PSF per ASTM E-330



SIGNATURE SERIES: 3-1/4"

The Signature Series 3-1/4" utilizes polyamide thermal break technology allowing for dual color and finish combinations. Flush sash-to-frame design utilizes state-of-the-art manufacturing techniques to deliver performance, configurations, flexibility and reduced lead times.

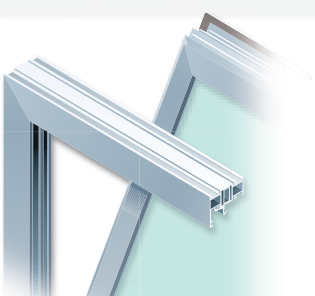
Performance
Air Infiltration: <.10 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 15 PSF per ASTM E-331
Deflection Load: +/-65 PSF per ASTM E-330
Structural Load: +/-97.5 PSF per ASTM E-330
CSA: A440-00 Rating: A3-B7-C5



FACADE VENT SERIES: 34PR RENAISSANCE

The 34PR features an integral sloped face and applied muntin grid system. Distinction and style make it known within the industry as the "window of choice" for authentic historic preservation projects.

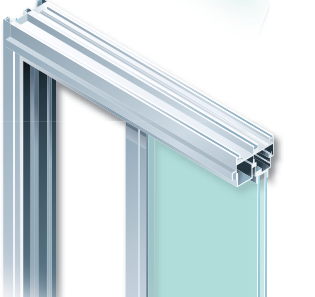
Performance
Air Infiltration: <.10 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 12 PSF per ASTM E-331
Deflection Load: +/-65 PSF per ASTM E-330
Structural Load: +/-97.5 PSF per ASTM E-330



FACADE VENT SERIES: 37E HIDDEN VENT

The 37E utilizes polyamide thermal break technology allowing for dual color and finish combinations. Flush sash-to-frame design utilizes state-of-the-art manufacturing techniques to deliver performance, configurations, flexibility and reduced lead times.

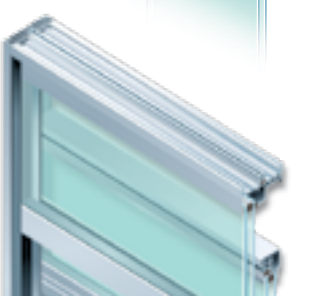
Performance
Air Infiltration: <.10 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 12 PSF per ASTM E-331
Deflection Load: +/-65 PSF per ASTM E-330
Structural Load: +/-97.5 PSF per ASTM E-330



SIGNATURE SERIES: HORIZONTAL SLIDER

The Signature Series 4" Horizontal Slider utilizes polyamide thermal break technology allowing for high thermal requirements and dual color and finish combinations.

Performance
Air Infiltration: <.30 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 15 PSF per ASTM E-331
Deflection Load: +/-65 PSF per ASTM E-330
Structural Load: +/- 80 PSF per ASTM E-330
CSA: A440-00 Rating: A3-B7-C5



SIGNATURE SERIES: SINGLE HUNG

The Signature Series 4" Single Hung utilizes polyamide thermal break technology allowing for high thermal requirements and dual color and finish combinations.

Performance
Air Infiltration: <.30 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 15 PSF per ASTM E-331
Deflection Load: +/-80 PSF per ASTM E-330
Structural Load: +/-120 PSF per ASTM E-330
CSA: A440-00 Rating: A3-B7-C5



PINNACLE SERIES: 66P

The Pinnacle Series 66P provides a solution for hospitals to safeguard the care of patients with psychiatric disorders. Security needs are balanced against therapeutic goals and aesthetics.

Performance
Air Infiltration: <.06 CFM/sq ft (6.24 PSF) per ASTM E-283
Static Water: 15 PSF per ASTM E-331
Deflection Load: +/-100 PSF per ASTM E-330
Structural Load: +/- 150 PSF per ASTM E-330

**We offer the most comprehensive
portfolio of products specified to
close the building envelope.**



Thermal Products

**Entrances and
Storefronts**

**Architectural
Glass**

Skylights

**Blast- and
Hurricane-Resistant**



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