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THE MAGAZINE OF RECORD FOR ARCHITECTURAL GLASS INDUSTRY LEADERS

The Industry's Top 50 Contract Glaziers

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ANY GLASS MAGAZINE

The Big 5-0

USGlass Magazine's Rankings of the 2025 Top 50 Contract Glaziers

2024 was a year of highs and lows for the North American contract glazing industry. This year's listing of the Top 50 Contract Glazing companies reflects the volatility that many states and regions experienced over the past year. Looking ahead, things seem to be on the up, with more than half of the industry's top firms reporting an increase in backlog to start the year.

Before diving into this year's list, take a closer look at some of the constants and changes. Harmon Inc. continues to hold the No. 1 spot on the list. Its sales for the past year grew to \$404 million compared to \$381 million on last year's list.

Also, with Permasteelisa's acquisition of Benson into its North American operations, this year's list brings a combination of the two. Together, they take the No. 2 spot with \$368 million in sales.

Enclos Corp., also historically ranked in the top 5, dropped to No. 9. This fluctuation boosted W&W Glass from No. 8 in 2024 to No. 5. W&W's

sales increased from \$200 million to \$210 million.

Several other companies on the list also saw healthy increases. These include Massey's Plate Glass moving from No. 14 to No. 11, Pioneer Cladding, which moved from No. 30 to No. 19, and Momentum Glass, which jumped from No. 28 to No. 21.

Joining the list for the first time is Sunrise Erectors of Canton, Massachusetts. The company joins the list in the No. 13 spot with \$125 million in sales.

The information in this section was provided to **USGlass** by the companies included here. Those companies marked with an * did not provide financial data, which is instead estimated based on data and field reports from Key Media & Research.

Companies were ranked by annual revenues. Firms with the same revenues were ordered by number of locations and then number of employees.



1. Harmon Inc.

Bloomington, MN

President/CEO: Troy Johnson

Employees: 850

Locations: 20

Years in Business: 75

Total Sales \$404 million →

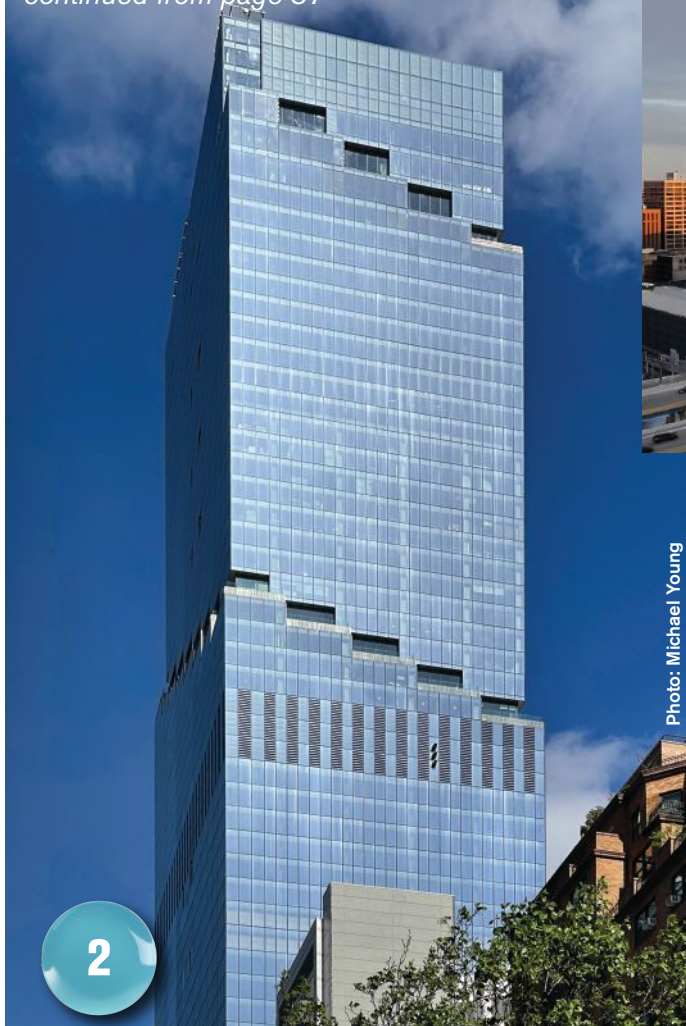


1

Harmon's 141 Bay project is quickly rising to join sister project 81 Bay in redefining the Toronto skyline. This monumental office tower features faceted curtainwall with heated glass and skylights on the roof. Glass suppliers include Viracon and Finnglass.

The Big 5-0

continued from page 37



2

Photo: Michael Young

Designed by Bjarke Ingels Group, Permasteelisa was the façade contractor on the 1,041-foot-tall The Spiral, located at 66 Hudson Boulevard in New York.



Photo: Ivane Katamashvili

5

W&W Glass was responsible for the unitized curtainwall overclad and eight-story expansion of 2 Pennsylvania Avenue in New York.



4

The 32-story luxury residential tower located at 333 N Water St. in Milwaukee is the city's tallest new development and features Reflection Window + Wall's patented 9500 window wall and 12000 series large-span window wall products.

2. Permasteelisa NA/Benson

Mendota Heights, MN
Executive General Manager:
Mike Pedersen
Employees: 478
Locations: 9
Years in Business: 126
(combined)
Total Sales: \$368 million

Managing Partners
Employees: 200
Locations: 1
Years in Business: 46
Total Sales: \$210 million

3. New Hudson Facades

Linford, PA
President/CEO: Michael
Budd
Employees: 329
Locations: 6
Years in Business: 11 years
Total 2024 Sales: \$266
million

6. Flynn Group of Companies

Toronto, Ontario
President/CEO: Dan Sims
Employees: 450
Locations: 35
Years in Business: 47
Total Sales: \$201 million

4. Reflection Window + Wall LLC

Chicago, IL
President/CEO: Rodrigo
d'Escoto
Employees: 300
Locations: 7
Years in Business: 13
Total Sales: \$218 million

7. Walters & Wolf

Fremont, CA
President/CEO: Chris Wolf
Employees: 45
Locations: 5
Years in Business: 45
Total Sales: \$200 million*

5. W&W Glass

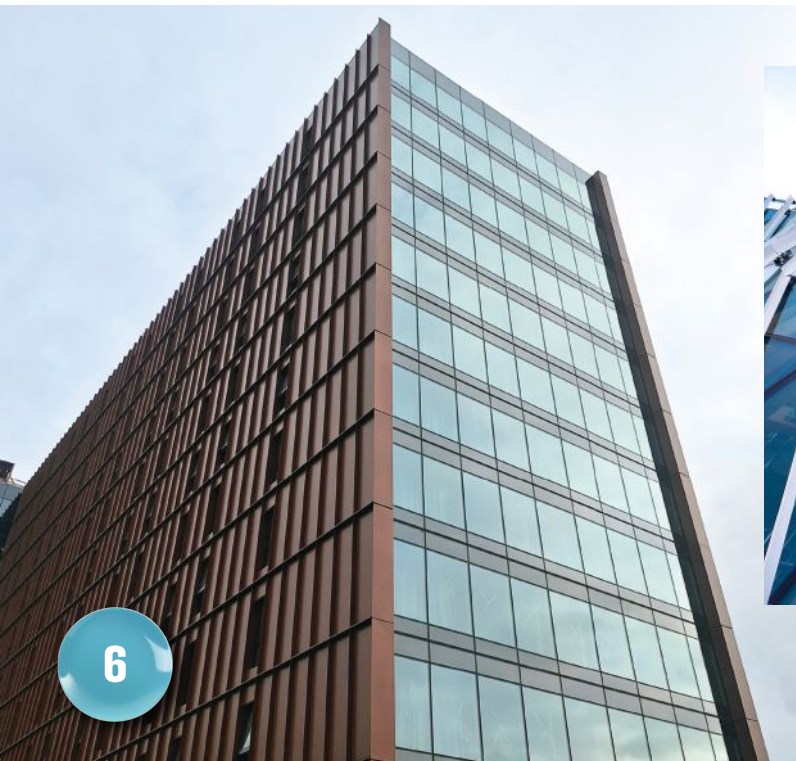
Nanuet, NY
President/CEO: Mike, Jeff,
Howard and Scott Haber

8. Crown Corr Inc.

Gary, IN
President/CEO: Zach
Holobowski
Employees: 500
Locations: 6
Years in Business: 64
Total Sales: \$198 million

9. Enclos Corp.

Eagan, MN
President/CEO: Steve
Danke



For the British Columbia Institute of Technology near Vancouver, Flynn supplied and installed the first hybrid Speedwall unitized curtainwall project.

Employees: 500
 Locations: 17
 Years in Business: 78
 Total Sales: \$175 million*

10. Binswanger Glass

Memphis, TN
 President/CEO: Blake Hancock
 Employees: 585
 Locations: 42
 Years in Business: 153
 Total Sales: \$163 million

11. Massey's Plate Glass & Aluminum Inc.

Branford, CT
 President/CEO: Bob Massey Jr
 Employees: 225
 Locations: 3
 Years in Business: 52
 Total Sales: \$135 million

12. Architectural Glass and Aluminum Inc.

Livermore, CA
 President/CEO: John Okubo
 Employees: 76
 Locations: 4
 Years in Business: 55
 Total Sales: \$130 million*



For the Caltech Resnick Sustainability Center in Pasadena, California, Enclos provided cold-warped glass curtainwall, which features cassette-style panels that twist and flow to match the building's complex geometry, complemented by diagonal exterior fins.

Photo: © 2025 Enclos Corp

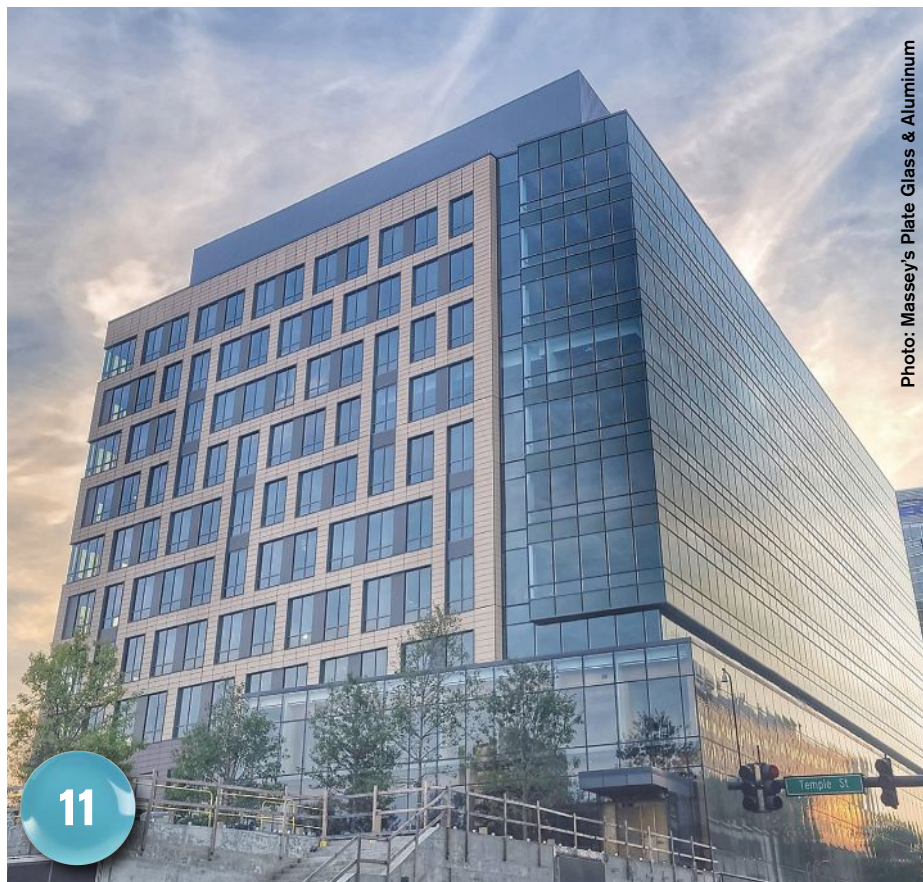
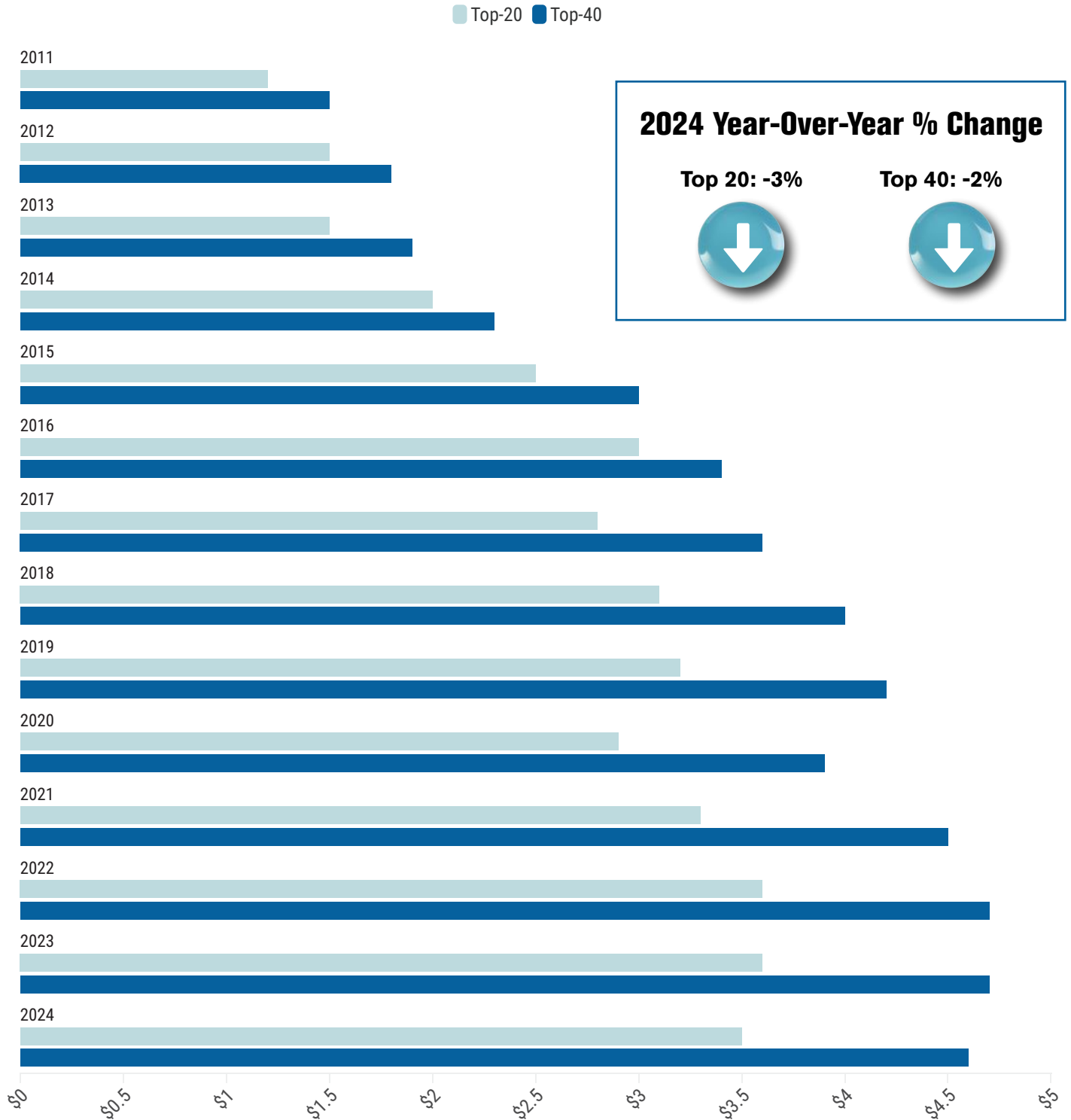


Photo: Massey's Plate Glass & Aluminum

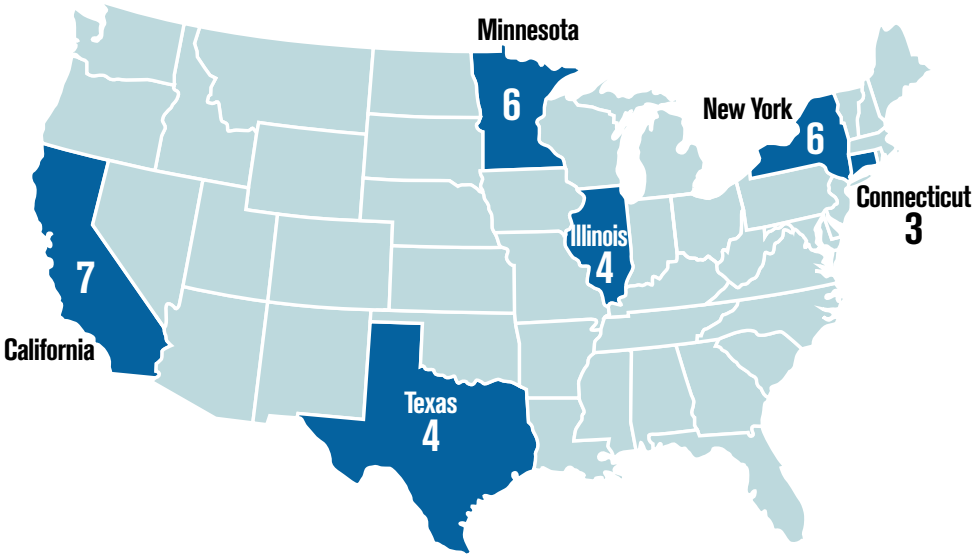
Massey's Plate Glass & Aluminum installed the unitized glass and terracotta system located at 101 College Street in New Haven, Connecticut.

Annual Totals: Top-20 and Top-40 Contract Glaziers (In billions of dollars)

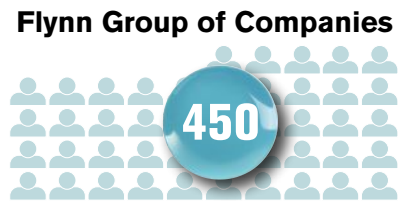
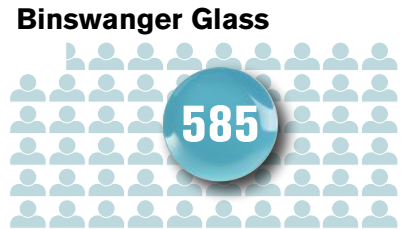
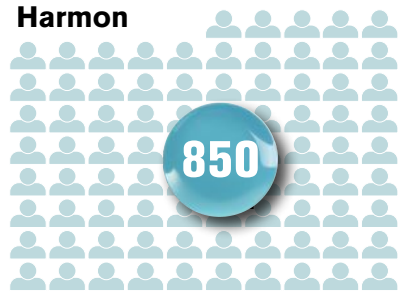


Source: Key Media & Research / USGlass Magazine

States with the Highest Concentration of Top Glaziers



Top 5 Companies by # of Employees



Top 5 Companies by # of Locations



2024-2025 Top 5 Changes

Rank	2024	2025
1	Harmon Inc.	Harmon Inc.
2	Permasteelisa NA	Permasteelisa NA
3	Elicc Americas Corp.	New Hudson Facades
4	Enclos Corp.	Reflection Window + Wall LLC
5	Reflection Window + Wall LLC	W&W Glass



The Big 5-0

continued from page 41



Sunrise Erectors specializes in furnishing and installing fully engineered exterior wall systems throughout New England, including its work on the Rivermark in Cambridge, Massachusetts.



The General Motors headquarters in Detroit is a midrise construction project featuring an alternating apex wall and a piano key wall installed by Ventana that includes extruded aluminum sunshade devices and enhanced acoustical glazing.



Kovach's scope for Mesa City Hall included the thermally-efficient exterior terracotta cladding system, custom glazing, interior metalwork throughout the facility, and the signature copper-tone metal roof with dramatic overhangs.

13. Sunrise Erectors Inc.

Canton, MA
President/CEO: Andy Erickson, President / John Erickson, VP
Employees: 360
Locations: 2
Years in Business: 29
Total Sales: \$125 million

14. GM&P Consulting and Glazing Contractors Inc.

Miami, FL
President/CEO: Giovanni Monti
Employees: 60
Locations: 2
Years in Business: 15
Total Sales: \$120 million*

15. Ventana DBS

Chicago, IL
President/CEO: Bob Trainor
Employees: 31
Locations: 6
Years in Business: 11
Total Sales: \$110 million

16. Kovach Enclosure Systems

Chandler, AZ
President/CEO: Brad Wright



Employees: 321
 Locations: 3
 Years in Business: 56
 Total Sales: \$110 million

17. Dynamic Glass

Houston, TX
 President/CEO: Tom Gilligan
 Employees: 390
 Locations: 3
 Years in Business: 33
 Total Sales: \$110 million*

18. TAGG Group of Companies

Burlington, ON
 CEO: Stephen Dulong
 Employees: 221
 Locations: 4
 Years in Business: 42
 Total Sales: \$98.2 million

19. Pioneer Cladding & Glazing Systems

Mason, OH
 President/CEO: Paul Robinson
 Employees: 384
 Locations: 5
 Years in Business: 25
 Total Sales: \$94 million

20. SPS Corporation

Apex, NC
 COO: Daniel O'Connor
 Employees: 95
 Locations: 3
 Years in Business: 43
 Total Sales: \$92 million



18
 TAGG provided cladding, specialty glazing and architectural metals for Echelon Studios in Hollywood.



19
 Under Armour's new global headquarters in Baltimore features glazing systems installed by Pioneer Cladding & Glazing Systems.

Photo: Jeff Jackson/MGAC



20
 SPS Corp. partnered with Robins & Morton/Branch Builds to deliver a \$500 million hospital expansion in Roanoke, Virginia. SPS oversaw the fabrication and installation of curtainwall, storefront and ACM panels for the 13-story project.

What are Contract Glaziers WORRIED About in 2025?

- Skilled labor shortages
- Tariffs and international market volatility
- Interest rates and inflation
- Supply chain disruptions
- Economic and market volatility
- Environmental regulations and compliance costs

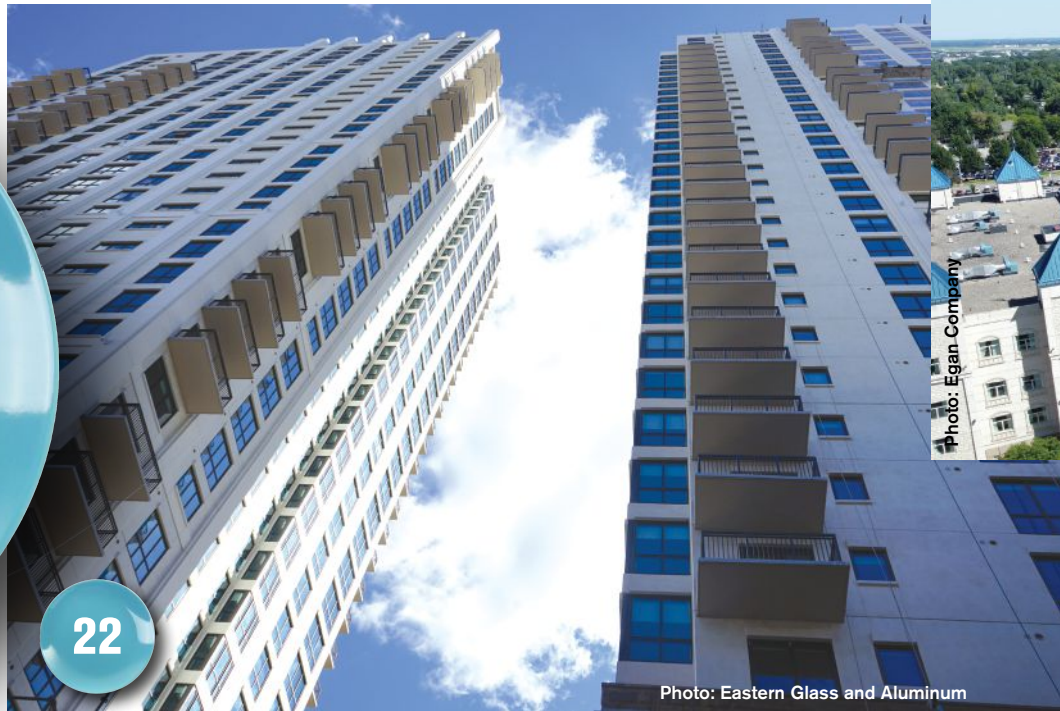


Photo: Eastern Glass and Aluminum

For the 19-acre Nashville Yards development, Eastern Glass and Aluminum provided glass and glazing systems for two residential towers, including MCM wall panels, terrace doors, aluminum-framed entrances, all-glass entrances, storefronts, punched windows and curtainwall.

21. Momentum Glass

Spring, TX
President/CEO: Omar Maalouf
Employees: 263
Locations: 4
Years in Business: 14
Total Sales: \$88 million

22. Eastern Glass and Aluminum

Norcross, GA
President/CEO: Peter Kim
Employees: 120
Locations: 2
Years in Business: 26
Total Sales: \$87 million

23. Giroux Glass Inc.

Los Angeles, CA
President/CEO: Peter Celeste
Employees: 280
Locations: 5
Years in Business: 79
Total Sales: \$82 million

24. Above All Store Fronts Inc.

Hauppauge, NY
President/CEO: John Cashel
Employees: 170

Locations: 3
Years in Business: 32
Total Sales: \$75 million

25. Cherry Hill Glass Co. Inc

Branford, CT
President/CEO: Kevin O'Neill
Employees: 185
Locations: 1
Years in Business: 34
Total Sales: \$64 million

26. NR Group

West Palm Beach, FL
President/CEO: Noshad Ali
Employees: 204
Locations: 3
Years in Business: 35
Total Sales: \$60 million*

27. Roschmann Steel & Glass Constructions Inc.

New Haven, CT
President/CEO: Dirk Schulte
Employees: 30
Locations: 3
Years in Business: 73
Total Sales: \$60 million*

28. 8G Solutions

Englewood, CO
President/CEO: John Pickford
Employees: 85
Locations: 3
Years in Business: 8
Total Sales: \$58 million

29. Granite State Glass

Gilford, NH
President/CEO: William Marcotte
Employees: 260
Locations: 16
Years in Business: 42
Total Sales: \$55 million

30. seele Inc.

Long Island City, NY
President/CEO: Andreas Hafner
Employees: 20
Locations: 1
Years in Business: 24
Total Sales: \$55 million

31. Karas & Karas Glass Co.

Boston, MA
President/CEO: Joey Karas
Employees: 76
Locations: 1



46

With the renovation and modernization of the Sanford Orthopedics building in Sioux Falls, South Dakota, Egan's InterClad team enclosed the building with Erie's EF 30 UW unitized curtainwall system, delivering a sleek, durable facade that reflects the facility's commitment to excellence.

Years in Business: 101
Total Sales: \$52 million

32. Glass Systems Inc.

Atlanta, GA
President/CEO: Brock West
Employees: 104
Locations: 2
Years in Business: 40
Total Sales: \$52 million

33. Glass Solutions Inc.

Itasca, IL
President/CEO: Andy Hill
Employees: 100
Locations: 1
Years in Business: 26
Total Sales: \$48 million

34. Alexander Metals Inc.

Nashville, TN
President/CEO: Alec T Estes
Employees: 80
Locations: 1
Years in Business: 33
Total Sales: \$46 million

35. Ajay Glass Co.

Canandaigua, NY
President: Steve Stathopoulos, Jim Stathopoulos (CEO)
Employees: 120
Locations: 2
Years in Business: 66
Total Sales: \$41.54 million

36. Alliance Glazing Technologies

Romeoville, IL
President/CEO: Brian Filipiak
Locations: 3
Years in Business: 32
Total Sales: \$40 million*

37. Best Contracting

Gardena, CA
President/CEO: Sean Taba
Employees: 300
Locations: 2
Total Sales: \$40 million*

38. ACE Glass

Little Rock, AR
President/CEO: Courtney Little
Employees: 120
Locations: 3
Years in Business: 39
Total Sales: \$35 million*

39. National Enclosure Company LLC

Ypsilanti, MI
President/CEO: David Sauld
Total Sales: \$34.4 million
Employees: 100
Locations: 3
Years in Business: 16

40. TSI Corporations

Upper Marlboro, MD
President/CEO: Thomas Cornellier
Employees: 110

What are Contract Glaziers OPTIMISTIC About in 2025?

- Innovative technologies and energy efficiency
- Solid backlog and market opportunities
- Pre-construction and retrofit growth
- Technology and operational advancements
- Sustainability and urban development
- Workforce development
- Economic recovery in late 2025

Locations: 1
Years in Business: 47
Total Sales: \$34 million

41. David Shuldiner Inc.

Brooklyn, NY
President/CEO: Brian K. Land
Employees: 100
Locations: 1
Years in Business: 137
Total Sales: \$34 million

42. Haley Greer Inc.

Dallas, TX
President/CEO: Letitia Barker
Employees: 100
Locations: 2
Years in Business: 46
Total Sales: \$32 million

43. RankerAMG

Sacramento, CA
President/CEO: Dave Ranker
Employees: 150
Locations: 2
Years in Business: 19
Total Sales: \$30 million*

44. Ranger Specialized Glass Inc.

Houston, TX
President/CEO: Robert Malone
Employees: 140
Locations: 1
Years in Business: 42
Total Sales: \$30 million*

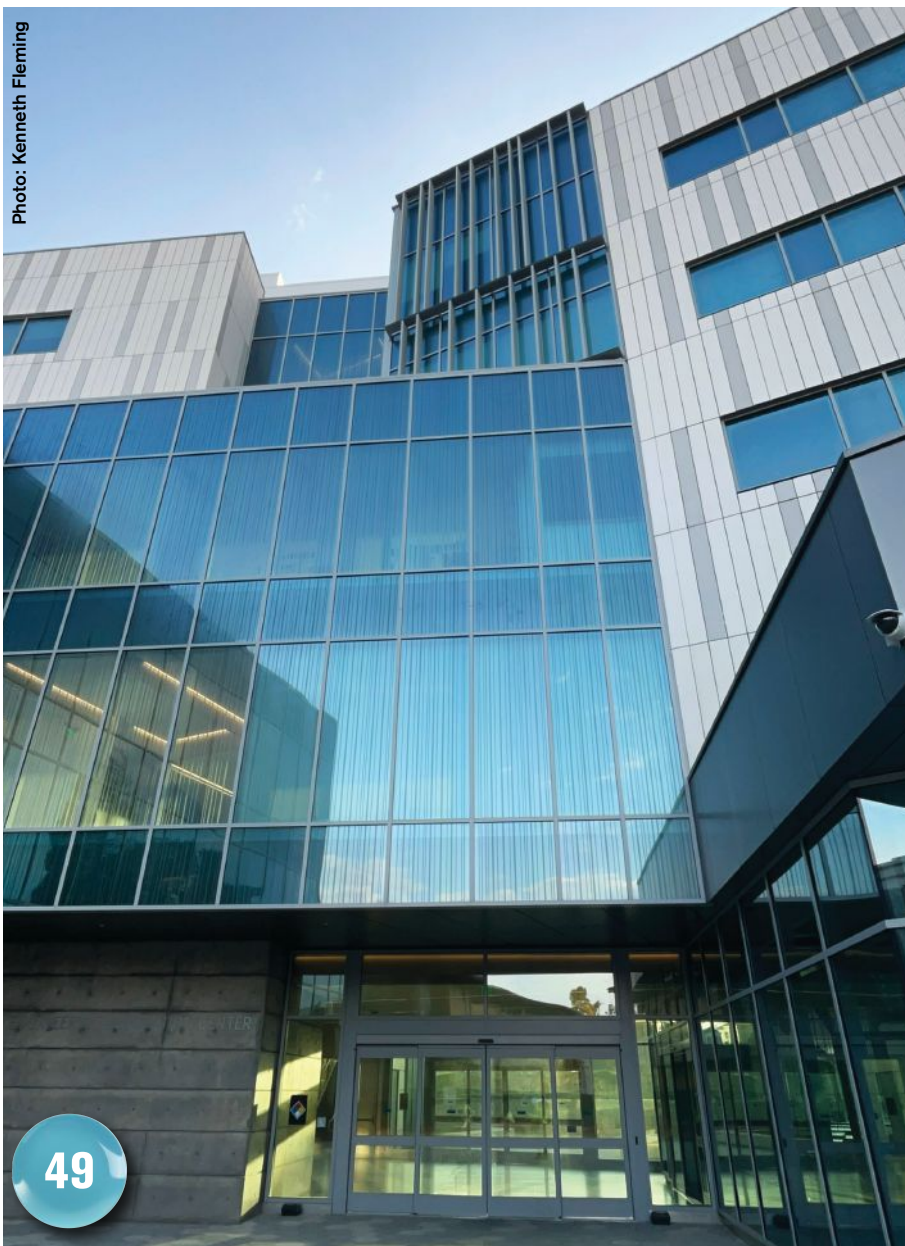
Photo: Mychal Bohart, CM Focus



48

Northlake Commons in Seattle is a mass timber structure that incorporates a number of glass and glazing systems installed by Mission Glass.

Photo: Kenneth Fleming



49

The Science and Engineering Innovation Center at San Francisco State University is a 105,000-square-foot teaching and research space. Pacific Glazing provided Kawneer curtainwalls with vertical fins, storefronts and Viracon glass.

The Big 5-0

continued from page 45

45. Brin Glass Company

Minneapolis, MN
President/CEO: Priscilla Koeckeritz
Employees: 195
Locations: 4
Years in Business: 113
Total Sales: \$30 million

46. Egan Company/InterClad

Champlin, MN
President/CEO: James Ford
Employees: 50
Locations: 1
Years in Business: 26
Total Sales: \$25.8 million

47. Architectural Wall Systems

Des Moines, IA
President/CEO: Chad Heiden
Employees: 90
Locations: 2
Years in Business: 34
Total Sales: \$25 million*

48. Mission Glass

Tumwater, WA
President/CEO: Jeff & Jamie Nickel
Employees: 75
Locations: 1
Years in Business: 17
Total Sales: \$24.9 million

49. Pacific Glazing

Hollister, CA
President/CEO: Cassie Harker
Employees: 70
Locations: 3
Years in Business: 19
Total Sales: \$23 million

50. Ford Metro Inc.

Rochester, MN
President/CEO: Mitchell Swanson /
Eric Goodman / Kevin Swanson
Locations: 1
Employees: 62
Years in Business: 38
Total Sales: \$21.6 million

USG

Growing Sentiment

Annual Industry Indicator Shows Promise in 2025

by Nick St. Denis

Key Media & Research's (KMR) annual Contract Glazier Outlook Index (CGOI), a numerical measurement of the optimism and current health of the glass and glazing industry, increased in 2025. This follows two years of a decline in the index, signaling a reversal in industry sentiment.

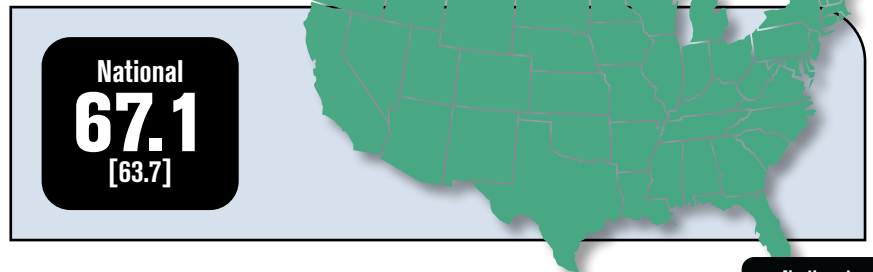
The index, established in 2017, was at its lowest at the start of 2021 and highest in 2022. It retreated in 2023 and 2024, though remaining in positive territory. The current mark, 67.1, is an improvement from a score of 63.7 a year ago. (A reading below 50 represents a negative outlook, 50 to 60 indicates stability, and anything above 60 is positive—the higher the number, the better).

On a regional basis, the Northeast, South Atlantic, Midwest and South Central show strength. The West region is the weakest—by a notable margin—with a neutral score.

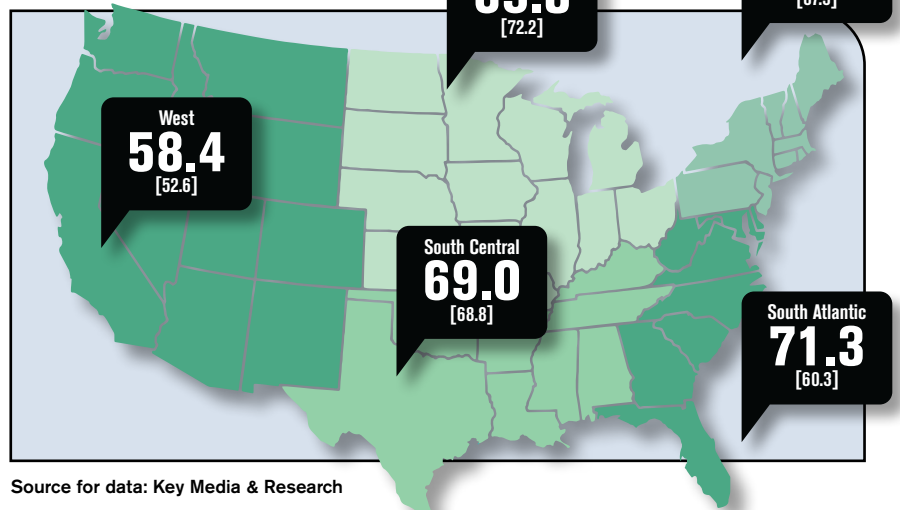
KMR's CGOI is made up of five key drivers and measurements, weighted according to importance. Those drivers, in order of greatest to least weight, are:

- Expected revenue changes in the coming year
- Current backlog
- Hiring plans in the coming year
- Previous year satisfaction
- Previous year hiring

NATIONAL Index (2024 index in parenthesis)



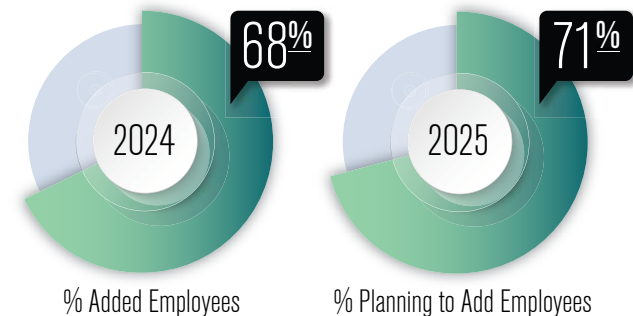
REGIONAL Index (2024 index in parenthesis)



Source for data: Key Media & Research

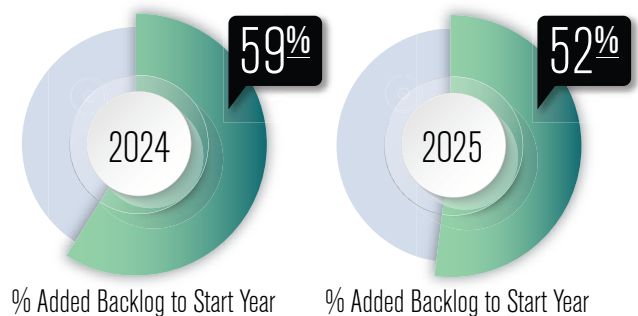
Hiring Plans

Most glazing contractors are adding new employees. More than two-thirds (68%) added to their workforce in 2024, and 71% plan to do the same in 2025.



Assessing Backlog

Glaziers also indicated whether their backlog entering 2025 exceeds their backlog entering 2024. Fifty-two percent said “yes,” down for the second year in a row but still a slight majority.



A LOOK BACK at 2024

Contract glaziers graded, on a scale of 0-100, the degree to which 2024 met their expectations in terms of overall business. A grade of 0 represented “Extremely dissatisfied,” 50 represented “Exactly as expected” and 100 represented “Far exceeded expectations.” The average of all respondents was a grade of 67.

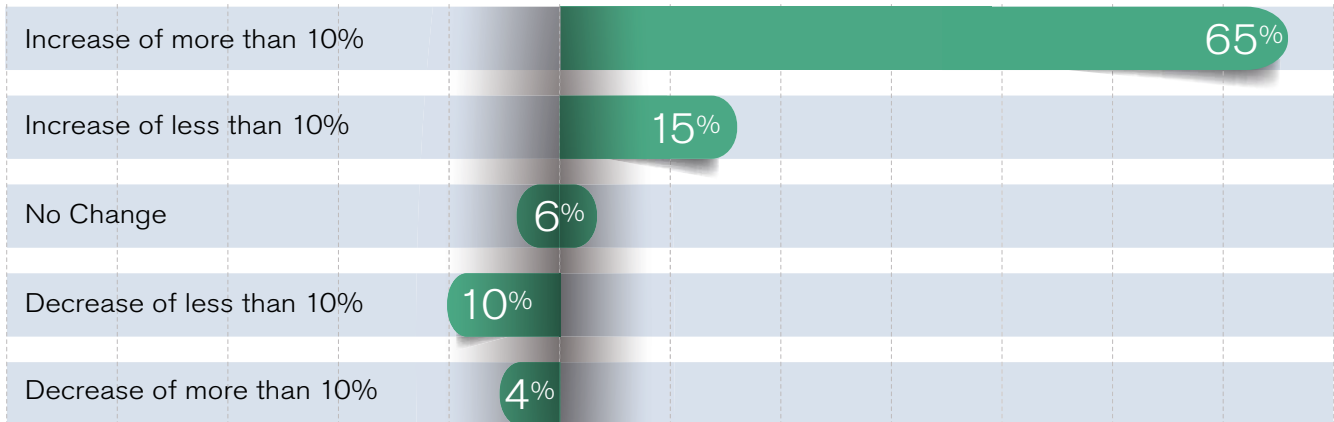
Average Satisfaction Rating of Previous Year Among Glazing Contractors (0 to 100 scale)



A LOOK AHEAD at 2025

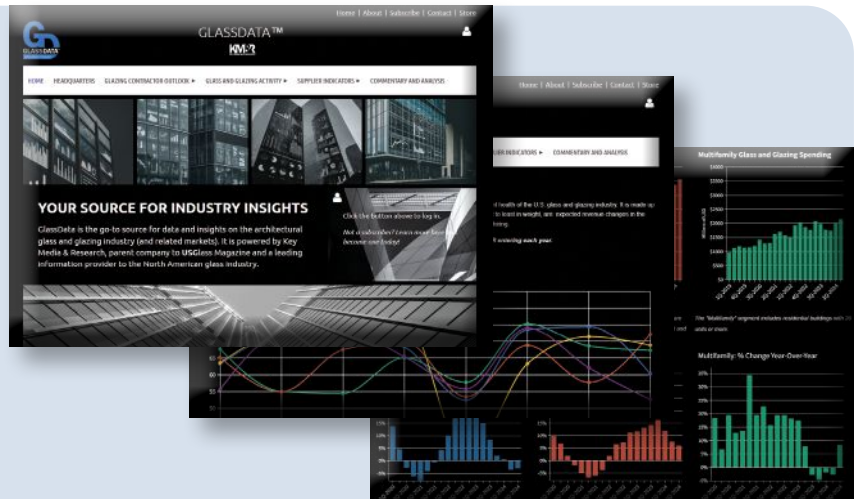
Eight of every 10 glazing contractors expect an increase in sales in 2025 compared to 2024, with an overwhelming majority anticipating an increase of 10% or more. Just 14% project a decrease, with the remainder expecting no change.

% of Glazing Contractors that Expect Increase or Decrease in 2025 Sales



The Contract Glazier Outlook Index is powered by GlassData™, a subscription-based dashboard-style web portal highlighting key metrics and indicators specific to the architectural glass and glazing industry. For more information, visit www.myglassdata.com/about. **USG**

➔ **Nick St. Denis** is the vice president of research and data for Key Media & Research (KMR), parent company of **USG** magazine. He may be reached at nick@keymediaresearch.com.





Unitized Curtainwalls

High Rewards with Complex Challenges

Modernization has enveloped most facets of glass production, including the design, fabrication and installation of unitized curtainwalls.

Unitized curtainwalls are popular due to several factors, including fast installation times, improved quality control, design flexibility, minimal occupancy disruption and enhanced energy efficiency. As advantageous as these systems are, designing one from scratch is no simple feat.

“Developing a unitized system may seem like a fairly simple endeavor, but to do it well takes careful forethought and planning,” explains Richard Whittington, technical sales consultant at Lakeshore-Ontario-based Erie AP, a YKK AP company. “A well-thought-out system will balance design flexibility, manufacturing, installation and cost. A rushed process could result in unforeseen expenses, a short product life or

even product failure in the field.”

For officials at Los Angeles-based Giroux Glass, the conceptualization, design and engineering processes are still fresh on their minds. The company launched its unitized curtainwall system in early 2024. The new system’s production and assembly occur at the company’s 75,000-square-foot facility in Phoenix.

From Design to Creation

To create the system, Giroux’s David Diener, design and estimating manager, says a team of specialists from the company’s project management, engineering, shop fabrication and field installation departments worked together to design and engineer the curtainwall. The team considered performance and testing standards, glass makeup compatibility, customization options, sunshade and accessory attachments, fabrication efficiency and installation. ➔



Photo: YKK AP

YKK AP officials say the LaGuardia Airport—Terminal C/D modernization project in New York proved to be among the company's most unique and challenging projects to date. YKK created a new system family, EF 35 UW, engineered to achieve lofty framing spans and withstand the specified wind and blast loads.

Signature Projects **Mastering Unique Curtainwall Challenges**



The DC Water headquarters' continuous façade is composed of four-foot-wide planar modules, each containing either a lite of glass or a metal panel.

DC Water headquarters

Richard Whittington of Erie AP, a YKK AP subsidiary, says one of the company's most satisfying projects was the DC Water headquarters in Washington, D.C. Whittington states that the building's signature features are its footprint and overall form.

"The floor plan follows a curvilinear or 'serpentine' path with numerous radius changes," he explains. "Most unitized curtainwall panels were unique due to the angle changes. We needed to create dozens of custom extrusions and anchors to accommodate all the angle changes. Each floor cantilever is beyond the previous, creating a slight conical expression. The way the façade 'peels away' from the previous floor requires special attention for the continuity of the air-water seal."

Whittington adds that the curtainwall installation was performed in an atypical top-down sequence to address the building's unique layout. Projected windscreen panels were integrated into the curtainwall on the building's southeastern and southwestern faces to maximize the façade's performance and add an engaging aesthetic quality.



Photo: Giroux Glass

The Axiom Corporate Center features modern all-glass and steel façades, highlighting curves of glass, rounded corners and a striking diagonal "swoosh" running the length of the building.

Axiom Corporate Center

Giroux Glass officials say the Axiom Corporate Center in Las Vegas is a great example of how complex the fabrication process is.

Giroux's marketing and public relations director, Andrew Phipps, explains that the project presented several challenges, including canted elevations that transitioned into radiused corners, splayed mullions and a recessed feature that swept through the elevation. He says each element required seamless integration and customization to achieve the desired aesthetic and performance outcomes. Using Arcadia Inc.'s unitized system as the foundation, the project demanded modifications to ensure all components aligned with the intricate design.

"Vital steps in the fabrication process included precise engineering and customization of components combined with careful coordination between teams," says Phipps. "Each fabricated piece had to be meticulously designed, ensuring it fit perfectly within the system while maintaining the structural and performance standards."

Unitized Curtainwalls

continued from page 51

“Developing a unitized system may seem fairly simple, but doing it well takes careful forethought and planning.”

– Richard Whittington,
Erie AP (YKK AP)

Whittington says the overall product design process can be divided into seven phases: identifying system purpose and performance requirements; research and inspiration; design and concept development; prototyping; testing; refinement; and production.

Once the design is finalized, systems undergo rigorous performance testing. After achieving success in testing, core teams assess and refine processes, ensuring everything is ready for production.

“[Designing a unitized system] comes down to good coordination across the entire team, including obvious things like accurate and verified dimensions, proper details and connections being specified, and overall product specification/configuration selections that are appropriate for a given application,” explains Samuel Keller, vice president of product development at Kalwall Corp. “Beyond that, being transparent upfront about capabilities and limitations, scopes of work, etc. helps to ensure everyone involved understands their roles and responsibilities.”

New Hampshire-based Kalwall, which has fabricated unitized panels for years, offers a different take on glass and aluminum fenestration systems. The company fabricates a lightweight, structural, composite fiber-reinforced polymer and aluminum-insulating sandwich panel for low-to-mid-rise construction and retrofits.

“Unlike glass and aluminum unitized curtainwalls, our customers aren’t typically deciding between field or shop trade-offs because of limited site access or logistical challenges associated with highrise projects, but rather because unitizing offers better quality control and less installation time,” says Keller.

Challenges of Unitization

While the benefits are plenty, various challenges encompass the fabrication and installation of unitized curtainwalls. Erie AP’s Richard Whittington notes that a lack of planning can doom any project. He explains that long manufacturing phases require careful planning to coordinate field dates with production lead times. He adds that installation also requires specialized labor, which involves working with the systems manufacturer to produce the design and materials.

Additional challenges include:

- Limited installation capabilities in areas with tight access around anchor points. Larger clearances and gaps are required around the perimeter of frames to allow for installation;
- Façades with less repetition or complex geometries can be difficult to unitize as there are few repeating unit types, which increases design and production time; and
- Unitized can be seen as a cost-premium in markets with low labor rates.

Benefits of Unitization

Diener says the effort, work and time required to create a unitized curtainwall system are ultimately worth it. He explains that unitized curtainwall systems offer significant advantages to clients by streamlining installation, enhancing architectural flexibility and maintaining system performance.

“These fully glazed units are designed for quick and efficient onsite installation, reducing the drying time needed in a building,” he says. “This approach supports accelerated construction schedules compared to traditional stick-built curtainwall systems.”

Whittington lists several benefits, including:

- Better quality façades due to manufacturing in a controlled factory environment under an established quality assurance and control program;
- Faster enclosure time using less crew;
- Pre-installation of anchors, allowing for rapid building enclosure once unitized panels are delivered;
- Less time with an open building, and dry-in time is reduced from the time of installation;
- Fewer trades or companies are involved; and
- Simplification of the coordination process as more scope is funneled through a single subcontractor.

Precision at Every Step

Marty McKinley, Giroux’s vice president of Arizona operations and project operations, says precision is vital in the fabrication and installation process. He explains that it’s important to maintain tight tolerances and implement rigorous quality control procedures. This ensures units are field-ready for installation, reducing time spent at the site and preventing future complications.

“To achieve precision, our fabrication team relies on advanced equipment and specialized techniques,” explains McKinley. “CNC-controlled machining and cutting tools enable us to fabricate components with exact dimensions, while overhead cranes allow the safe and precise placement of lites. Specialized caulk pumps ensure optimal glass adhesion, providing structural integrity and a flawless finish. Our in-house testing protocols verify that every unit is watertight before leaving our facility.”

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A Giroux Glass mockup of unitized curtainwall undergoes water testing to ensure the panels are watertight.